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الذيل الاول وفيه رسالتان في علم المنطق الرسالة الاولى وهي الرسالة الشمسية لنجم الدين ابن بكرين علي بن عمر الكاتبي بن عمر الكاتبي القزويني

قال الويس اسفرنجر التيرولي

قال مصنف نفائس المآثر مولانا نجم الدين كاتبى قزويني كه حكيم

متبهر است و در حكمت شاكرد انير الدين ابهري است شرح تلخيص و شرح محصل و حكمت عين و رسالة شمسيه

و جامع الدقائق از مصنفات ارست

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وست مائة

بسم الله الرحمن الرحيم

ا الْحَمْدُ لِلهِ الَّذِي آبَدَعَ نِظَامَ الْوَجُودِ • وَ اخْتَرَ عَ مَاهِيَّاتِ الْآشَيَاءِ بِمَقْتَضَى الْوُجُودِ • وَ آنْشَا بِقَدَارَتِهِ اَنْوَاعِ الْآجُوامِ الْقَلْمَيَّةِ • وَ الصَّلُوةُ عَلَى ذَرَاتِ الْأَنْفُسِ الشَّدْسِيَّةِ • وَ الصَّلُوةُ عَلَى ذَرَاتِ الْأَنْفُسِ الشَّدْسِيَّةِ • وَ الصَّلُوةُ عَلَى ذَرَاتِ الْأَنْفُسِ الشَّدْسِيَّةِ • وَ الصَّلُوةُ عَلَى اللَّهُ مَا اللَّهُ وَ الْمُعَجِزَاتِ • وَ عَلَى آلِهِ وَ اصْحَابِهِ النَّيْدَةِ وَ خُصُومًا عَلَى مُحَمَّدٍ صَاحِبِ الْآياتِ وَ الْمُعْجِزَاتِ • وَ عَلَى آلِهِ وَ اصْحَابِهِ النَّالِمِيْنَ لِلْمُحَجِمِ وَ الْبَيْنَاتِ • النَّالِمِيْنَ لِلْمُحَجِمِ وَ الْبَيْنَاتِ •

م و بَعْدُ فَلَمّا كَانَ بِاتَّفَاقِ اهْلِ الْعَقْلِ • وَ إِطْبَاقِ دُوى الْفَضْلِ • أَنَّ الْعَلُومُ لَسِيّما الْيَقْفِيدُيَّةُ أَعْلَى الْمَطَالِبِ • وَ الْمَاقَبِ • وَ اَنَّ صَاحِبَهَا الشَّرْفُ الْاَسْخَاصِ الْبَشْرِيَّةِ • وَ نَفْسَهُ اَسْرَعُ الْتِصَارِ بِالْعَقُولِ الْمَلْكِيَّةِ • وَكُن الْطَلَاعُ عَلَى دَقَائِتِهَا • وَ الْاحَاطَةُ بِكُفْهِ حَقَائِتِهَا • لاَ يُمْكِنُ الْاَ بِالْعَلْمِ الْمُوسُومِ بِالْمَفْطِقِ إِنْ بِهِ يُعْرَفُ مَّ مَحْدُيتُهَا عَنْ سَمِيْنِهَا • فَاتَشَارَ إِلَيَّ مَنْ سَعَدَ بِلِمُطْفِ الْحَقِقِ • وَ اَمْثَارُ بِتَابِيفِهِ مِن سَعِيْهَا مِن سَقَيْمِهَا • وَ عَدَيْهُا عَنْ سَمِيْنِهَا • فَاتَشَارَ إِلَيَّ مَنْ سَعَدَ بِلِمُطْفِ الْحَقِقِ • وَ اَمْثَارُ بِتَابِيفِهِ مِن سَعْدَيْهُا مِنْ اللّهُ الْمُقْلِقُ وَ وَ مَالَ الْمِلْ بَعْلَامُ الْمَقْبُولُ الْمُقْبِلُ الْمُقْبِلُ الْمُقْبِلُ الْمُقْبِلِ الْمُلْفِيقِ وَ الْعَلْمِينِ وَ الْعَلْمِينِ الْمُقْبِلِ الْعَلْمِ وَالْمَوْلِي وَ الْعَلْمِينِ الْمُقْبِلُ الْمُقْبِلِ الْمُقْبِلِ الْمُقْبِلِ الْمُقْفِقُ وَ الْمُسْلِيقِينَ • مَلْكُ الصَّدُورِ وَ الْعَالِمِينَ • فَدُولُةُ الْاَعْلِمِ وَلَوْلَالِمُ الْمُقْلِقُ وَ الْمُقْلِقُ وَ الْمُسْلِيقِينَ • مَلْكُ الصَّدُورِ وَ الْعَالِمِ فَوْالْمُولِ وَ الْمُعْلِمِ وَ الْمُسْلِمِينَ • مَلْكُ الْمُقْلِمِ وَ الْمُعْلِمِ وَلَوْلِمُ الْمُقَلِمُ وَ الْمُعْلِمِ وَمُولِولِهِ الْمُلْعِلَى وَمُعَلِمُ وَلَالِمُ الْمُلُولُ وَ الشَّلْمِينَ وَمَالِمُ الْمُعْلَمُ وَلَولُولُهُ وَ الْمُعْلِمِ وَمُعْلِمُ الْمُعْلَمِ وَمُعَلِمُ وَمُعْلِمُ وَمُعَالِمُ الْمُعْلِمُ وَمُعَلِمُ الْمُعْلِمُ وَمُولُولُ وَ الْمُعْلِمِ وَلَالِمُ الْمُؤْمِلُ وَالْمُولُولُ وَ الْمُعْلِمُ وَلَالِمُ الْمُعْلِمُ وَالْمُولُولُ وَ الْمُعْلِمُ وَالْمُولُولُ وَ الْمُعْلِمُ وَالْمُولُ وَالْمُولُولُ وَ الْمُعْلِمُ وَالْمُولُ وَالْمُولُولُ وَ الْمُعْلِمُ وَلَا الْمُعْلِمُ وَالْمُولُولُ وَ الْمُعْلِمُ وَلَولُولُ وَالْمُولُ وَالْمُولُولُ وَالْمُولُولُ وَ الْمُعْلِمُ وَالْمُولُولُ وَالْمُعْلِمُ وَالْمُولُولُولُولُولُ وَ الْمُعْلِمُ وَالْمُولُولُ وَالْمُولُولُ وَالْمُولُولُولُ وَالْمُولُولُ وَالْمُعُلِمُ الْمُعْلِمُ وَالْمُولُولُولُ وَالْمُعْلِمُ وَالْمُولُولُ

ني ثَبْتِه و كِتَابِتِه • مُتَّبِعًا لِلْحَقِ الصَّرِيْمِ الَّذِي لِيَاتِيْهِ وَلَا مِنْ يَدَيْهِ وَلاَ مِنْ خَلْفه • وَ مَعَّرِيَا اللَّهَالَةِ مَنْ خَلْفه • وَ مَتَّبِعًا لِلْحَقِيدِ • مُتَّبِعًا لِلْحَقِيدِ • وَ رَبَّبُتُهُ عَلَى مُقَتَّمِمً • وَ تَلْبِ مَقَالَاتِ وَ خَاتِمَة • مُعْتَصِمًا بَحِبْلِ الشَّمْسِيَّةِ • فِي الْقَوَاعِدِ الْمُنطِقيَّةِ • وَ رَبَّبُتُهُ عَلَى مُقَتَّمِمً • وَتَلْبِ مَقَالَاتٍ وَخَاتِمَة • مُعْتَصِمًا بَحِبْلِ الشَّمْسِيَّةِ • فِي الْقَوَاعِدِ الْمُنطِقيَّةِ • وَ رَبَّبُتُهُ عَلَى مُقَتَّمِمًا لِلْخَيْرِ وَ الْعَثْلُ • اِنَّهُ خَيْرُ مُونَّقٍ وَمُعيْنٍ • التَّوْفِيْتِ مِنْ وَاهِبِ الْعَقْلِ • وَمُعَيْنَ وَمُعَيْنٍ • النَّفُونِ لِللْخَيْرِ وَ الْعَثْلُ • اِنَّهُ خَيْرُمُونَتِي وَمُعيْنٍ • التَّوْفِيْتِ مِنْ وَاهِبِ الْعَقْلِ • وَمُعَيْنَ وَمُعَيْنٍ • اللَّهُ مَا اللَّهُ اللَّهُ الْعَلْمُ اللَّهُ اللَّهُ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللَّهُ الْعَالَى اللَّهُ اللَّهُ اللَّهُ الْعَلَامُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الْمُعْلِمُ اللَّهُ اللَّهُ اللَّهُ الْمُعْلِمُ اللْعَلَامِ وَالْمِنِ الْعَلَامِ وَمُعَلِيمًا اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الْمُعْلِمِ اللْعَلَامُ اللَّهُ الْمُعْلِمُ اللْعَلَامِ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللْعُلُومِ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللَّهُ الْمُعْلِمِ اللْعُلُومِ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللْعُلُومُ اللَّهُ اللَّهُ الْمُعْلِمُ اللْمُعْلِمُ الْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ الْمُعْلِمُ الْمُعْلِمُ اللْمُعْلِمُ الْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ الْمُعْمِ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ الْمُعْلِمُ الْمُعْلِمُ اللْمُعْلِمُ الْمُعْلِمُ الْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ الْمُعْلِمُ الْمُعْلِمُ اللْمُعْلِمُ الْمُعْلِمُ اللْمُعْلِمُ الْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ الْمُعْلِمُ الْمُعْلِمُ اللَّهِ الْمُعْلِمُ الْمُعِلَّمِ الْمُعْلِمُ الْمُعْلِمُ الْمُعْلِمُ

أمَّا الْمُقَدِّمَةُ فَهْيَهَا بَحْمَانِ * ٱلْبَحْثُ الْأَوَّلُ هِي مَاهِيَّةِ الْمَنْطِقِ وَبَيَانِ الْحَاجَةِ الْيَهُ *

٣ الْعِلْمُ إِمَّا تَصَوَّرُ فَقَطْ وَهُو حُصُولٌ صُورَةِ الشَّيْمِ فِي الْعَقْلِ اَوْ تَصَوَّرُ مَعَهُ حُكُمُ وَهُوَ السِّنَادُ اَمْرِ إِلَى الْحَدْرِ الْحَابُ الْوَ الْمَعْمُ وَهُوَ السِّنَادُ اَمْرِ إِلَى الْحَدْرِ الْحَابُ الْمَعْمُوع تَصْدَيْقُ •

ع و لَيْسَ الْكُلُّ مِنْ كُلِّ مِنْهُمَا بَدِيْهِيًّا وَ إِلَّا لَمَا جَهِلْنَا شَيْئًا وَلاَ نَظْرِيًّا وَ الْأَلَدَارَ أَوْ تَسَلْسَلَ •

ه بَلِ الْبَعْضُ مِنْ كُلِّ مِنْهُما بَدِيهُ فَي وَ الْبَعْضُ نَظْرَى يَصْلُ مِنْهُ بَالْفَكْرِ وَ هُوَ تَرْتيبُ امُوْرِ مَعْلُومَةِ لِلْمَا الْبَعْضُ بَطْرِي يَصْلُ مِنْهُ بَالْفَكْرِ وَ هُوَ الْمَقْطَى اَفْكَارِهِمْ لِلْمَا الْمَا لَحْمُ الْعَقْلِ اللهِ الل

 ٩ وَلَيْسَ كُلْهُ بَدِيهِيّاً وَ إِلَّا لَسْتُغُنِي عَنْ تَعَلَّمِهِ وَلا نَظْرِيّاً وَ اللَّا لَذَارَ أَوْ تَسَلْسَلَ بَلْ بَغْضُهُ بَدِيهِيّ وَ بَغْضُهُ وَلا نَظْرِيّاً وَ اللَّا لَذَارَ أَوْ تَسَلْسَلُ بَلْ بَغْضُهُ بَدِيهِيّ وَ بَغْضُهُ لَا نَظْرِيّاً وَ اللَّهِ لَكَارَ أَوْ تَسَلْسَلُ بَلْ بَغْضُهُ بَدِيهِيّ وَ بَغْضُهُ لَا نَظْرِيّاً وَ اللَّهِ لَكَارَ أَوْ تَسَلْسَلُ بَلْ بَغْضُهُ بَدِيهِيّ وَ بَغْضُهُ لَا اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهُ اللَّهِ اللَّهِ اللَّهُ اللّ اللَّهُ اللَّ

ٱلْبَحْتُ الثَّانيٰ فِي مُوضُوعِ الْمُنْطُقِ

٧ مَوْضُوعُ كُلِّ عِلْمٍ مَا يَبْشَتَ فِيهِ عَنْ عَوَارِضِهِ التَّبِي تَلْحَقَهُ لَمِا هُو َهُو اَيَ لِذَاتِهِ اَوْ لِجَزْنُهِ اَوْ لِمايساويهُ
 وَ مَوْضُوعُ الْمَنْطُقِ الْمَعْلُومَاتُ النَّصَوَّرِيَّةٌ وَ النَّصُونِيَّيَّةٌ لَأَنَّ الْمَنْطَقِيَّ يَبْخَتُ عَنْهَا مَنْ حَيْثُ انَّهَا تُوصُلُ الْيَ التَّصُورِ كَنُونَهَا كُلِيَّةٌ أَوْ جُزئينَّةٌ وَ دَاتِيَّةً وَ دَاتِيَّةً اَوْ جُزئينَّةٌ وَ هُونَهَا الْمُوصِلُ الِي التَّصُورِ كَنُونَهَا كُلِيَّةً أَوْ جُزئينَةٌ وَ دَاتِيَّةً اَوْ عَرْضَيَّةً وَ مَنْ حَيْثُ يَتَوَقَفُ عَلَيْهَا الْمُوصِلُ الِي التَصَديقِ إِما تَوَقَفًا قَرْبِبَا كَنَوْنِهَا وَضَلاً وَ مِنْ حَيْثُ يَتَوَقَفُ عَلَيْهَا الْمُوصِلُ الِي التَصَديقِ إِما تَوَقَفًا قَرْبِبَا كَنُونِهَا وَصَلَّا وَ مَنْ حَيْثُ كَنُونِهَا وَمُعْمَولاتِ وَ مَحْمُولاتِ وَ مَحْمُولاتِ .
 اَوْ عَنْ صَلَيْهِ الْوَالِيَ اللَّهُ وَالْمَا عَلَيْهَا الْمُومِلُ اللَّهُ وَمُنْ وَعَلَيْهِا وَمُعْمَوْلِاتِ وَ مَحْمُولاتِ وَ مَحْمُولاتِ .

٨ وَقَدْ جَرِت الْعَادَةُ بِأَنْ يُسَمُّو الْمُوصَلَ الَى النَّصَّوُّرِ قَوْلًا شَارِحًا وَالْمُوصِلَ الِّي التَّصْوَبِي حُجَّمَةً وَ يَجِبُ

تَقدِيْمُ الْأَوْلِ عَلَى النَّانِي وَضَعَالِتَقَدَّمِ النَّصَوَّرِ علَى النَّصْدِيْقِ طَبَعًا لاَنَّكُلَّ تَصْدِيْقٍ أَبَدَّ نِيْهُ مِنْ تَصَوَّرِ الْمَحْكُومُ عَلَيْهِ بِذَاتِهِ أَوْبِا مْرِصَا دِقٍ عَلَيْهِ وَ الْمَحْكُومُ بِهِ كَذَٰ لِكَ وَ الْحُكُمْ لِا مُتِنَا عِ الْحُكُم مِثَنْ جَهِلْ ٱحَد للهذِ ٱلْأَمُور •

أمًّا الْسَقَالاَتُ فَثَلْثُ * اَلْاُولَى فِي الْمُفْرَداتِ وَفِيهَا أَرْبَعَةُ فُصُولِ الْفُصُلُ الْأَوَّلُ فِي الْاَلْفَاظِ

و دَلاَلَةُ اللَّفَظ عَلَى المُعْنَى بِتوَسِّط الْوَضْعِ لَهُ مُطَابِقَةٌ كَدَ لاَلَةِ الْإِنسَانِ عَلَى الْحَيْوَانِ النَّاطِقِ وَبِتُوسِّطِهِ لِمَا دَحَلَ فَيه تَضَمَّى كَدُلاَئِةِ عَلَى الْجَيْوَانِ وَبِتَوسِّطِه لِمَا خَرَجَ عَنْهُ الْتِزَامُ كَدَلاَئِتِه عَلَى قَابِلِ الْعِلْمِ وَصَنْعَةِ الْكَدَّابَة .
 و يُشَدَّرُطُ فِي النَّلاَئِةِ الْالْتِزَامِيَّةٍ كُونَ الْخَارِجِيِّ بِحَالَةٍ يَلزُمُ مِن تَصَوَّرِ الْمُسَمَّى فِي الذَّهْنِ تَصَوَّرُهُ وَ اللَّهُ فَي اللَّهُ فَي اللَّهُ فَي اللَّهُ فَي النَّهُ فَي النَّهُ فَي اللَّهُ وَ لَا يُشَتَرَطُ فَي الْمُلَوزَمَةِ بَيْنَهُمَا فِي الْخَارِجِ .
 و الله لامنتفع فَهُم مِن اللَّهُ فَ لا يُشترَطُ وَ لا يُشترَطُ وَ لا يُشترَطُ وَ لا يُشترَطُ وَ الْمُلَازَمَة بَيْنَهُمَا فِي الْخَارِجِ .
 كَذَلاَلةِ لَفُظِ الْعَمَى عَلَى الْبَصَرِ مَع عَذِمِ الْمُلاَزَمَةِ بَيْنَهُمَا فِي الْخَارِجِ .

١١ وَ الْمُطَابَقَةُ لاَ تَسْتَأْيِرُمُ التَّضَمَّىٰ كَمَا فِي البَسَائِطِ وَ آمَّا اسْتِلْزَامُهَا الْاِلْتِزَامَ فَغَيْرُ مُتَيَقِّى لِآنَ وُجُودَ لاَنِم لِكُلِّ مَاهِيَّةً يَلْزَمُ مِن تَصَوَّرُهُ عَيْرُ مَعْلُومٍ • وَمَاتِيْلَ مِن اَنَّ تَصَوَّرُ كُلِّ مَاهِيَّةً يَسْتَلْزَمُ تَصَوَّرَ اللَّهَا لَعُم اللَّهُ عَيْرُ مَعْلُومٍ • وَمَاتِيْلَ مِن اَنَّ تَصَوَّرُ كُلِّ مَاهِيَّةً يَسْتَلْزَمُ مِن اَتَّ تَصَوَّرَ اللَّهُ اللَّهُ اللَّهُ عَلَى اللَّهُ اللْمُلْمُ اللَّهُ الْمُلْمُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الْمُلْعُلِمُ اللَّهُ الْمُلْمُ اللَّهُ الْمُلْمُ اللَّهُ الْمُلْمُ اللَّهُ الْمُلْعُلِمُ اللَّهُ الْمُلْعُلُولُ اللَّهُ الْمُلْعُلِمُ اللْمُلْعُلِمُ الْمُلْعُلِمُ اللَّهُ الْمُلْعُلِمُ اللْمُلْعُلِمُ الْمُلْعُلِمُ اللْمُلْعُ اللَّهُ الْمُلْعُلِمُ الْمُلْعُلِمُ اللْمُلْعُ الْمُلِ

١٢ وَ الدَّالُّ بِالْمُطَابَقَةِ إِنْ قُصِدَ بِجُرْئِهِ الدَّلاَ لَةُ عَلَى جُزْء مَعْنَاه فَهُو المُركَّب كرا مي الْحِجَارة و إلا فَهُو المُمْوَدُ وَهُو اللهُ يَالُمُ عَلَى اللهِ عَلَى اللهِ عَلَى اللهُ عَلَى عَلَى اللهُ عَلَى اللهُهُ عَلَى اللهُ عَلَى

وَ قَدْ يَكُولُ مُمْكِنَ الْوُجُودِ لَكِنَ لَايُوجَدُ كَالْمَنْفَاءِ • وَقَدْ يَكُونُ الْمُوجُودُ مِنْهُ وَ احِداً فَقَطْ مُعَ امْتِناعِ غَيْرِهِ كَالْبَارِيُ تَعَالَى اَوْمَعَ المُّكَانِهِ كَالشَّمْسِ • وَقَدْ يَكُونُ الْمُوجُودُ مِنْهُ كَثِيْرًا إِمَّا مُتَنَاهِيًا كَالْتُواكِبِ السَّبْعَةِ السَّيَّارَةِ

الْ غَيْرِ مُتَنَاهِ كَالنَّفُوسِ النَّاطِقَةِ •

الثانبى

٣٩ إِذَا قُلْفًا لِلْحَيْوَانِ مَثْلًا بِاللَّهُ كُلِيَّ فَهُنَاكَ ٱمُوْرُ ثَلْثَةً الْحَيْوَانُ مِنْ حَيْثُ هُوَهُو وَكُونُهُ كُلِيًّا وَ النَّرَقَّبُ مِنْهُمَا وَ الأَوَّلُ يُسْمَى كُلِيًّا طَبَعِيًّا وَالتَّالِي كُلِيًّا مَنْطِقِيًّا وَ التَّالِثُ كُلِيًّا عَقْلِياً • وَ الْكُلُّيُّ الطَّبَعِيُّ مَوْجُودُ فِي الْخَارِجِ وَجُرْءُ الْمَوْجُودِ مَوْجُودُ • وَ أَمَّا مُوجُودُ فِي الْخَارِجِ وَجُرْءُ الْمَوْجُودِ مَوْجُودُ • وَ أَمَّا الْكَلِيَّانِ الْاَحْدَرَانِ فَفِي وَجُودِهِمَا فِي الْخَارِجِ خِلاَتُ وَ النَّظُّرُ فِيْهِ خَارِجُ عَي الْمَنْطِقِ •

الله لِثُ

٢٧ أَنْكُلِينًا فِ مُنَسَادِيَا فِ أَنْ مَدَى قُلُ وَاحِد مِنْهُمَا عَلَى كُلِّ مَا صَدَى عَلَيْهِ الْآخُرُ كَالْإِنْسَافِ وَ بَيْنَهُمَا عُمُومُ وَخُصُوصُ مُطْلَقًا إِنْ صَدَى اَحَدُ هُمَّا عَلَى كُلِّ مَا صَدَى عَلَيْهِ الْآخُرُ مِنْ غَيْر عَنْسِ كَالْتَعْنَافِ وَ الْإِنْسَانِ • وَبَيْنَهُمَا عُمُومُ وَخُصُوصُ مِنْ وَجْهِ إِنْ صَدَى كُلُّ مِنْهُمَا عَلَى بَعْضِ مَا صَدَى عَلَيْهِ الْآخُرُ فَقَطْ كَالْخَيْوَانِ وَ الْإِنْسَانِ • وَبَيْنَهُمَا عَمُومُ وَخُصُوصُ مِنْ وَجْهِ إِنْ صَدَى كُلُّ مِنْهُمَا عَلَى شَيْعِ مِمَّا يَصَدُى عَلَيْهِ الْآخُرُ الْمَانِ وَ الْإِنْسَانِ وَ الْآبَيْفِ • وَمُمَتَبَايِنَانِ اِنْ لَمْ يَصَدُّقُ شَيْعُ مِنْهُمَا عَلَى شَيْعٍ مِمَّا يَصَدُى عَلَيْهِ الْآخُرُ كَالْانِسَانِ وَ الْآبَيْفِ • وَمُمَتَبَايِنَانِ اِنْ لَمْ يَصَدُّقُ شَيْعُ مِنْهُمَا عَلَى شَيْعٍ مِمَّا يَصَدُقُ عَلَيْهِ الْآخُرُ كَالْأَنْسَانِ وَ الْفَرَسِ •

٢٨ وَ نَقِيْضَ الْمُتَسَاوِيَيْنِ مُتَسَاوِيَانِ وَ الَّا لَصَدُقَ اَحَدُهُمَا عَلَى مَا كَذَبَ عَلَيْهِ الْآخُرُ فَيَصَدُقُ الْحَرُ الْمُتَسَاوِيَيْنِ عَلَى مَا يَكْدُبُ عَلَيْهِ الْآخُرُ وَهُوَ مُحَالً * وَنَقَيْضُ الْاَعْمِ مِنْ شَيْعِي مُطْلَقًا اَحْصٌ مِنْ نَقَيْضِ الْاَحْصِّ مُلْقَا اَحْصٌ مِنْ نَقَيْضِ الْاَحْصِ مُطْلَقًا لِصِدْقِ نَقِيْضِ الْاَحْصِ عَلَى كُلِ مَا يَصُدُقُ عَلَيْهِ نَقِيْضُ الْاَعْمِ وَ ذَٰلِكَ مُسْتَلْزِمُ لِصِدْقِ الْاَحْصِ عَلَى بُعْضِ مَا يَصَدُقُ عَلَيْهِ نَقِيْضُ الْاَعْمِ وَ ذَٰلِكَ مُسْتَلْزِمُ لِصِدْقِ الْاَحْصِ عَلَى بُعْضِ مَا يَصَدُقُ عَلَيْهِ نَقِيْضُ الْاَعْمِ وَ ذَٰلِكَ مُسْتَلْزِمُ لِصِدْقِ الْاَحْصِ عَلَى بُعْضِ مَا يَصَدُقُ عَلَيْهِ نَقِيْضُ الْاَعْمِ وَ ذَٰلِكَ مُسْتَلْزِمُ لِصِدْقِ الْاَحْصِ عَلَى بُعْضِ مَا يَصَدُقَ نَقَيْضُ الْاَعْمِ وَ ذَٰلِكَ مُسْتَلْزِمُ لِصِدْقِ الْاَحْصِ عَلَى اللّهُ الْعَلَى اللّهُ عَلَى اللّهُ عَلَى اللّهُ عَلَى اللّهُ عَلَى اللّهُ عَلَى عَلَى اللّهُ عَلَى اللّهُ الْعَمْ وَ هُو الْاَعْمِ مَنْ مَنْ اللّهُ الْعَلَى اللّهُ الْعَلْمُ وَ الْعَالِقُ وَ نَقَيْضِ الْاَحْصِ مَعَ النَّبَائِي الْنَاقِي بِينَ نَقِيْضِ الْاَعْمِ مَعْ النَّبَائِي الْنَاقِي بِينَ نَقِيْضِ الْاعْمِ مَنْ وَاللّهُ وَجُودِ الْعَلَى مُ اللّهُ الْمُولِ الْمُلْقُ وَ عَيْنِ الْاَعْمِ مَعْ اللّهُ الْمُ الْمُولِ الْمُعْ الْاَحْمِ مَنْ اللّهُ الْمُولِ الْمُلْقُ وَ عَيْنِ الْاَعْمِ مَعْ اللّهُ اللّهِ الْمُولِ الْمُعْلِقُ وَ عَيْنِ الْاَعْمِ مُ مُطْلَقًا وَ عَيْنِ الْاَعْمِ مِ وَلَاكُمُ الْمُلْلُقُ وَ عَيْنِ الْاَعْمَ مُ مُعْلَقًا وَعَيْنِ الْاَعْمِ مُ اللّهُ الْمُولِقُ الْاَعْمِ مُ اللّهُ الْمُلْلُقُ الْمُ الْمُولِ الْمُولِقُ الْمُولِ الْمُولِقُ الْمُولِ الْمُولِ الْمُولِقُ الْمُولِقُ الْمُولِقُ الْمُولِقُ الْمُؤْمِ الْمُولِقُ الْمُولِ الْمُولِقُ الْمُولِقُ الْمُولِقُ الْمُولِ الْمُولِقُ الْمُ

وَ اللَّا عَدَمِ كَانَ بَيْنَهُمَا تَبَايُنَ كُلِيٍّ وَإِن مَدَقا مَعا كَالَّا نُسَانِ وَالَّا فَرَسِ كَانَ بَيْنَهُمَا تَبَايُنَ جُزِيِّي فَرُورَةَ صِدْقِ احَدِ الْمُثَبَا بِغَيْن مَعَ نَقْيِضِ الْآخَرِ فَقَطْ فَالنَّبَايُنُ ٱلْجُزْئِيُّ لاَرَمُ جَزْمًا •

ألرابع

٢٩ ٱلْجُرْئِيُّ كُمَا يُقَالُ عَلَى الْمَعْنَى الْمَدْكُورِ الْمُسَمَّى بِالْحَقِيقِيِّ فَكَذَٰلِكَ بُقَالُ عَلَى كُلِّ اَحْمُ لَا مُرَا اللهُ وَاعْمُ مِنَ الْأَلْ لِأَنَّ كُلَّ جُرْئِيِ حَقِيقِي فَهُو جُرْئِي إِمَاهِيُّ إِمَاهِيُّ وَاعْمُ مِنَ الْأَلْ لِأَنَّ كُلَّ جُرْئِي حَقِيقِي فَهُو جُرْئِي إِمَاهِيُّ وَاعْمُ مِنَ الْأَلْ لِأَنَّ كُلُّ جُرْئِي مَقِيقِي فَهُو جُرْئِي إِمَاهِيُّ وَاعْدَى الْمُعَرِّلَا عَي الْمُسَجِّصَاتِ وَأَمَّا اللهَا نِي دُونَ الْعَمَسِ الْمَالِقِيقِ الْمُعَرِّلَا عَي الْمُسَجِّصَاتِ وَأَمَّا اللهَا نِي دُونَ الْجَوْزُنِي الْجَوْرُنِي الْجَوْرُقِي الْجَوْرُنِي الْجَوْرُئِي الْإِعْمَانِي كُلِيًا وَ الْمُتَلِّعَ كُونُ الْجَرُئِي الْحَقِيقِي كَذَٰلِكَ •

ألخامس

مَّ النَّوْعُ كَمَا يُقَالُ عَلَى مَا ذَ كَرْنَاءٌ وَ يُقَالُ لَهُ النَّوْعُ الْحَقِيْقِيُّ فَكَذَٰلِكَ يُقَالُ عَلَى كَلِ مَاهِيةً يُقالُ عَلَى كَلِ مَاهِيةً يُقالُ عَلَيْهَا وَعَلَى عُيْرِهَا الْجِنْسُ فِي جَوابِ كُمَا هُو تَوْلًا أَوْلِينًا وَيُسَتَّى النَّوْعَ الْإِضَافِيُّ .

٣١ وَ مَرَاتِبُهُ ٱرْبَعُ لِآنَهُ إِمَّا اَعَمَّ الْاَنْوَاعِ وَهُوَ النَّوْعُ الْعَالِيْ كَالْجِشْمِ اَوْ أَخَصَّهَا وَهُوَ النَّوْعُ السَّائِلُ كَالْإِنْسَانِ وَ يُسَمَّى نَوْعُ الْاَنْوَاعِ اَوْ اَعَمَّ مِنَ السَّائِلِ وَ أَخَصَّ مِنَ الْعَالِيْ وَهُوَ النَّوْعُ الْمُتَوَسِّطُ كَالْحَيْوَانِ وَ الْجِشْمِ النَّامِيْ آوْ مُبَايِنُ لِلْكُلِّ وَهُوَ الْنَّوْعُ الْمُفْرَدُ كَالْعَقْلِ إِنْ قُلْنَا إِنَّ الْجَوْهَرِ جِنْشُ لَهُ •

٣٦ وَ مَرَاتِبُ الْآجَنَاسِ اَيَضًا هَٰذِهِ الْأَرْبَعُ الْكِنَّ الْعَالِيَ كَالْجَوْهَرِ فِي مَرَاتِبِ الْآجَناسِ يُسَمَّى إِلَّهُ الْعَلَى الْجَسُمُ النَّامِيْ وَالْجِسْمُ وَمِثَالُ الْمُفْرَدِ الْعَقْلُ إِنْ قُلْنَا إِنَّ قُلْنَا الْجَوْهَرُ لَيُسَ بِجِنْسِ لَهُ •

٣٣ و النَّوْعُ الْإَضَانِيُّ مُوجُودُ بِدُونِ الْحَقِيْقِيِّ كَالْا نَوَاعِ الْمُتَوَسِّطِة وَالْحَقَيْقِيِّ مَوْجُودُ بِدُونِ الْاَضَانِيِّ الْمُتَوَسِّطِة وَالْحَقَيْقِي مَوْجُودُ بِدُونِ الْاَضَانِيِّ الْمُتَوَسِّطَة فَلَيْسَ بَيْنَهُمَا عُمُومٌ وَ خُصُوصٌ مُطْلَقًا بَلْ كُلُّ مِنْهُمَا اَعَمَّ مِنَ الْآخَرِ مِنْ وَ جَه لِصِدْقِمِما عَلَى النَّوْعِ السَّافِلِ .

٣٤ وَ جُزْءُ الْمُقُولِ فِنِي جَوابِ مَاهُو إِنْ كَانَ مَذْكُوزًا بِالْمُطَابَقَةِ يُسَمَّى وَاقِعًا فِي طَهِو مَا هُو كَالْحَيَوانِ النَّاطِقِ الْمُقُولِ فِي جَوَابِ السَّوَالِ بِمَا هُو عَنِ الْإِنْسَانِ وَ وَ إِنْ كَانَ مَذْكُوزًا وَ النَّوَالِ بِمَا هُو عَنِ الْإِنْسَانِ وَ وَ إِنْ كَانَ مَذْكُوزًا

بِالتَّضَيِّنِ يُسَمِّى دَاخِلاً فِي جَوَابٍ مَا هُوَ كَالْجِشْمِ النَّامِيْ وَ الْحَسَّاسِ وَ الْمَلْخَرِّكِ بِالْإِرَادَةِ الدَّالِ عَلَيْهَا الْحَيْوَانُ بِالتَّضَيِّنِ وَالْمَلْخَرِّ بِالْإِرَادَةِ الدَّالِ عَلَيْهَا الْحَيْوَانُ بِالتَّضَيِّنِ وَ الْمَلْخَرِينِ بِاللَّهِ اللَّهَا اللَّهَا اللَّهَا اللَّهَا اللَّهُ الللَّهُ اللَّهُ اللَّ

ٱلْفَصْلُ الرَّابِعُ فِي التَّعْرِيْفَاتِ

٣٩ اَلْمُعَرِّفُ لِلشَّيْمِ هُوَ الَّذِي يَشْتَلْزِمُ تَصَوُّرُهُ تَصُّورَ ذَلِكَ الشَّيْمِي اَوِ امْتِيَازَهُ عَنْ كُلِّ مَاعَدَاءً • وَهُوَلا يَجُورُ اَنْ يَكُونَ نَفْسَ الْمَاهِيَّةِ لِأَنَّ الْمُعَرِّفَ مَعْلُومٌ قَبْلُ أَلْمُعَرَّفِ وَالشَّيْمُ لَا يُعْلَمُ تَبْلُ نَفْسِهِ وَلاَ اعْمَ

لِتُصُورِ * عَنْ إِنَادَةِ التَّعْرِيْفِ ولا أَخَصَّ لِتَوْنِهِ أَخْفَى فَهُو مُسَاوِلُهَا فِي الْعُمُومِ وَ الْخُصُوْمِ .

٣٧ وَيُسَمَّى حَدَّا ثَامًا إِنْ كَانَ بِالْجِنْسِ وَالْقَصْلِ الْقَرِيْبَيْنِ • وَحَدًّا نَاقِصًّا إِنْ كَانَ بِالْفَصْلِ الْقَرِيْبِ
وَحْدَهُ اَوْ بِهِ وَبِالْجِنْسِ الْبَعَيْدِ • وُرَسْنًا تَامًّا إِنْ كَانَ بِالْجِنْسِ الْقَرِيْبِ وَ الْحَامَّةِ • وَرَسْنًا نَا قِصًّا النِ كَانَ بِالْجِنْسِ الْقَرِيْبِ وَ الْحَامَّةِ • وَرَسْنًا نَا قِصًّا النِ كَانَ بِالْخَاصَّةِ وَ وَرَسْنًا نَا قِصًّا النِ كَانَ بِالْخَاصَّةِ وَ وَدُهُ هَا اَوْبِهَا وَبِالْجِنْسِ الْبَعِيْدِ •

٣٨ وَ يَجِبُ الْإِحْتِرَارُ عَنْ تَعْرِيْفِ الْشَيْعِ بِمَا يُسَاوِيْهِ فِي الْمَعْرِفَةِ وَ الْجَهَالِةِ كَتَعْرِيْفِ الْحَرَكَةِ بِمَا لَيْسَ بِسُكُونٍ وَالزَّوْجِ بِمَا لَيْسَ بِفُرْدِ وَعَنْ تَعْرِيْفِ الشَّيْعِ بِمَا لَا يُعْرَفُ اللَّهِ سَوَاءً كَانَ بِمَرْتَبَةٍ وَاحِدَةً كَمَا يُقَالُ الْكَيْفِيَّةِ مَا بِهَا يَقَعُ الْمُشَابَهَةُ ثُمَّ يُقَالُ الْمُشَابَهَةُ إِنِّفَانُ فِي الْكَيْفِيَّةِ اوْبِمَرَاتِبَ كَمَا يُقَالُ الْإِثْنَانِ وَكَمَا يُقَالُ اللَّهُ الللِهُ اللللْهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ ال

المُقَالَةُ النَّانِيةُ

نِي الْقَضَايَا وَ اَحْكَامِهَا وَ نِيْهَا مُقَدِّمَةً وَثَلَثْتُهُ مُصُولٍ اَمَّا الْمُقَدِّمَةُ نَفِي تَعْرِيْفِ الْقَضِيَّةِ وَ اَتْسَامِهَا الْأُولَيَّةِ

٣٩ اَلْقَضِيَّةُ قُولُ يَضِمُّ أَنْ يُقَالَ لِقَائِلِهِ إِنَّهُ صَادِقٌ فِيْهِ اَوْكَا ذِبُ رَهِيَ حَمْلِيَّةُ إِنِ انْحَلَّتُ بِطَرْفَيْهَا إِنَى مُفْرَدَيْنِ كَقَوْلِنَا زَيْدُ عَالِمُ وَزَيْدُ لَيْسَ بِعَالِمٍ وَشَرْطِيَّةً أَنِ لَمْ تَنْحَلُّ .

وَ الشَّرَطِيَّةُ إِمَّا مُتَّصِلَةً وَهِيَ النَّنِي يُحْكُمُ فِيهَا بِصِدْقِ قَضِيَّةٍ اَوْلاَ صِدْقِهَا عَلَى تَقْدِيْرِ مِدْقِ قَضِيَّةٍ الْخُرَى كَانَ هَذَا اِنْسَاناً فَهُوَجُمَادُ وَ المَّا مُنْفَصِلَةً وَهِيَ النَّنِي كَقَوْلِنَا اِنْ كَانَ هَذَا اِنْسَاناً فَهُوَجُمَادُ وَ المَّا مُنْفَصِلَةً وَهِيَ النَّنِي كَقَوْلِنَا يَنْ كَانَ هَذَا النِّسَاناً فَهُو اللَّهُ وَهِي الصِّدِقِ وَالْكِذُبُ مَعًا اَوْ فَيْ الْحَدِيمِ الْقَطْ اَوْبِنَفْيِهِ كَقُولِنا يَحْمَمُ فَيْهَا بِاللَّمَا فِي بَيْنَ الْقَضِيَّتَيْنِ فِي الصِّدِقِ وَالْكِذُبُ مَعًا آوْ فِي احَدِهِمَا فَقَطْ اَوْبِنَفْيِهِ كَقُولِنا لِنَا اللهِ نَسَانُ السَّودَ اوْكَاتِبًا • إِمَّا الْوَدِيمِ كَانَوْنَ هَذَا الْإِنْسَانُ السَّودَ اوْكَاتِبًا •

اَلْفَصْلُ الْأَوَّلُ فِي الْحَمْلِيَّةِ وَفِيْهِ اَرْبَعَةُ مُبَاحِثَ اَلْبَحْثُ الْاَوَّلُ فِي اَجْزَائِهَا وَاقْسَامِهَا *

و نِسْبَةً بَيْنَهُمَا بِهَا يُرْتَبِطُ الْمُحْمُولُ بِالْمُومُوعِ وَتُسَمَّى نَسِّبَةً حُمْمِيَّةً وَ اللَّفْظُ الدَّالُّ عَلَيْهَا يَسْمَى وَلِيَطَةً كُمُونُ فِي وَيُسَمَّى وَسِّبَةً حُمْمِيَّةً وَ اللَّفْظُ الدَّالُّ عَلَيْهَا يَسْمَى وَابِطَةً كَهُونِي وَنِسْبَةً عُمُونُ فِي وَيُسَمَّى وَسِّبَةً حُمْمِيَّةً وَ اللَّفْظُ الدَّالُ عَلَيْهَا يَسْمَى وَابِطَةً كَهُونُ فِي وَنُوالِنَا وَيُدُو وَيَعْفَى اللَّفْظُ الدَّالُ عَلَيْهَا وَيُسَمَّى الْقَضِيَّةُ حَيْنَائِذِهُ ثُلْمَيَّةً • وَقَدْ يُحْذَفُ الرَّابِطَةُ فِي بَعْضِ اللَّغَاتِ لِشُعُورِ الذِّهْنِ وَيُعْفَى اللَّعَاتِ لِشُعُورِ الذِّهْنِ وَيُعْفَى اللَّهَ عَلَيْهُ وَيَعْفَى اللَّهُ وَاللَّهُ وَيَعْفَى اللَّهُ وَاللَّهُ وَاللْمُ وَاللَّهُ وَاللَّهُ وَاللْمُولِ اللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَا لِللللَّهُ وَاللَّهُ وَاللْمُولِقُولُولُولُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّ

٣٧ وَ هٰذِهِ النِّسْبَةُ اِن كَانَتْ نِسْبَةً بِهَا يَصِمُّ اَنْ يَقَالَ انَّ الْمُوضُوعَ مُحْمُولُ فَالْقَضِيَّةُ مُوجِبَةً كَقُولُنَا الْإِنْسَانُ حَيَّوانً وَ إِنْكَانَتْ نِسْبَةٌ بِهَا يَضِمُّ اَن يُقَالَ انَّ الْمُوضُوعَ لَيْسُ بِمُحْمُولٍ فَالْقَضِيَّةُ سَالِبَةً كَقُولُنِنَا الْمُوضُوعَ لَيْسُ بِحَجْرٍ •

٣٣ وَ مَوْضُوعُ الْحَمْلِيَّةِ إِنْ كَانَ شَخْصًا مُعَيَّنًا سُبِيَتَ مَخْصُومَةً وَشُخْصِيَّةً • وَ اِن كَانَ كُلِيًّا فَانَ بَيْنَ فِيْهَا كَتِيَّةً أَفْرَادِ مَا صَدَقَ عَلَيْهِ الْحُمْمُ وَيُسَمَّى اللَّفْظُ الدَّالُّ عَلَيْهَا سُوْرًا سُبِيَّتُ مَحْصُورَةً وَ مُسُوَّرَةً وَ هِي وَيُهَا كَتَّهُ اللَّهُ الدَّالُ عَلَيْهَا سُوْرًا سُبِيَّتُ مَحْصُورَةً وَ مَسُوَّرَةً وَ هِي ارْبَعُ لِاتَّهُ اِنْ بَيِّنَ فِيهَا أَنَّ الْحُمْمُ عَلَى كُلِّ الْاَفْرَادِ فَهِي كَلِيَّةً وَهِي امِا مُوْجِبَةً وَسُورُهَا كُلَّ كَقُولِنا كُلُّ نَارِحَارًةً وَ إِنَّ بَيْنَ اللَّهُ اللَّهُ وَالْحَدَى وَلَا وَاحِدَ مِنَ الْإِنْسَانِ بِجَمَادِ • وَإِنْ بَيْنَ فِيهَا أَنَّ الْحُمْمَ عَلَى كُلُّ الْاَفْرَادِ فَهِي وَلَا وَاحِدَ مِنَ الْإِنْسَانِ بِجَمَادِ • وَإِنْ بَيْنَ فِيهَا أَنَّ الْكُمْمَ وَلَا وَاحِدَ مِنَ الْإِنْسَانِ بِجَمَادِ • وَإِنْ بَيْنَ فِيهَا أَنَّ الْكُمْمَ

ٱلْبَهْتُ النَّانِي فِي تَعْقِيقِ الْمَعْصُورَاتِ الْأَرْبَعِ

۴۴ قُولُنَا كُلُّ جَ بَ تَسْتَعْمَلُ تَارَةً بِحَسَبِ الْحَقِيقَةِ وَمَعْفَاهُ اَنَّ كُلُّ مَالُو وُجِدَ كَانَ جَ مِنَ الْاَفْرَادِ الْمُمْكُنَةِ فَهُو مُلْزُومُ بَ وَتَارَةً بِحَسَبِ الْخَارِجِ وَمَعْفَاهُ وَفَهُو مُلْزُومُ بَ وَتَارَةً بِحَسَبِ الْخَارِجِ وَمَعْفَاهُ كُلُّ جَ فِي الْخَارِجِ وَالْفَرْقُ بِيْنَ الْإِعْتِبَارَيْنِ كُلُّ مَا هُو مَلْزُومُ بَ فَهُو بَ فِي الْخَارِجِ وَ الْفَرْقُ بِيْنَ الْإِعْتِبَارِيْنِ كُلُّ مَا لَكُومُ الْوَقَبْلَةُ اوْبَعْدَهُ وَهُو بَ فِي الْخَارِجِ وَ وَالْفَرْقُ بِيْنَ الْإِعْتِبَارِيْنِ طَاهِرُ فَائِنَهُ لَوْلَمُ يُوجَدُ شَيْفً مِنَ الْمُرَبَّعُاتِ فِي الْخَارِجِ لَصَحَ الْ يُقَالَ كُلُّ مُربَّع شَمْلُ بِالْإِعْتِبَارِ الْآولِ فَي الْخَارِجِ لِلْاعْتِبَارِ اللَّولِ اللَّانِيْقِ وَ لَوْلَمْ يُوجَدُ مِنَ الْاَشْكَالِ فِي الْخَارِجِ إِلَّا الْمُربَّعُ لَصَحَ اللَّالِكُ كُلُّ مُربَع مُنْ اللَّانِيْقِ وَ لَوْلَمْ يُوجَدُ مِنَ الْاَشْكَالِ فِي الْخَارِجِ إِلَّا الْمُربَّع لَصَحَ اللَّالِكُ كُلُّ مُربَع مُنْ اللَّامِ الْعَلَامِ الْعَالِي اللَّالَامِ اللَّالَامِي وَلَا لَا لَا اللَّالَامِ اللَّامِ اللَّالَامِ اللَّامِ اللَّالَامِ اللَّالَامِ اللَّالَامِ اللَّالَامِ اللَّالَامِي اللَّامِ اللَّامِ الْمُعَلِّمُ وَاللَّامِ اللَّالِمُ اللَّهُ اللَّالَامِ اللَّالَامِ اللَّالَامِ اللَّالَامِ اللَّامِ اللَّامِ اللَّامِ الللَّامِ اللَّالَامِ اللْمُ الْمُعْلَى اللَّلَامِ اللَّامِ اللْعَلَامِ اللْمُعْلَى الْمُعْلَى اللَّامِ اللَّلَامِ الْمِنْ اللَّامِ الْمُلْمِلُولُ اللْمُومُ اللَّهِ الْمُعْلَى اللَّامِ الْمُؤَلِّ الْمُعْلَامِ الْمُؤَامِ الْمُلْمِ الْمُؤَامِ اللْمُومُ الْمُؤَامِ الْمُؤَامِلُ الْمُعْلَى الْمُعْلَى الْمُؤَامِ الْمُؤَامِ الْمُؤَامِ الْمُؤَامُ الْمُؤَامِ الْمُؤَامُ الْمُؤَامِ الْمُؤَامِ الْمُؤَامِ الْمُؤَامِ الْمُؤَامِ الْمُؤَامِ الْ

ٱلْبَعْثُ الثَّالِثُ فِي ٱلْعُدُولِ وَالتَّعْصِيلِ

٥٥ خُرْفُ السَّلْبِ إِنْ كَانَ جُزُواً مِنَ الْمُوفُوعِ كَقُولْنِا اللَّحْبِيُّ جَمَادُ أَوْمِنَ الْمَحْمُولِ كَقُولِنِا اللَّحْبِيُّ جَمَادُ أَوْمِنَ الْمُحْمُولِ كَقُولِنِا اللَّحْبُيُّ الْمُعَلِّمُ الْمُعَمُّولِ كَقُولِنِا اللَّحْبُيُّ أَوْمِنَا لَهُ مَنْهُمَا لَا مَعْمَلُ الْمُعَلِّمُ اللَّهِ وَإِنْ لَمْ يَكُنُ جُزُءَ شَيْمِ مِنْهُمَا سُنِيَتُ مُحَصَّلَةً إِنْ كَانَتْ سَالِبَةً وَإِنْ لَمْ يَكُنُ جُزُءَ شَيْمِ مِنْهُمَا سُنِيَتُ مُحَصَّلَةً إِنْكَانَتُ مُوجِبَةً وَبُسِيْطَةً إِنْ كَانَتْ سَالِبَةً •

هِ مَ وَ الْإِعْتِبَارُ بِالْجَابِ الْقَضِيَّةِ وَسَلْبِهَا بِالنِّسْدِةِ الثَّبُوثِيَّةِ وَ السَّلْبِيَّةِ لَا بِطَرْفَيِ الْقَضِيَّةِ فِانَّ تُولَنَا كُنْ مَا لَيْسَ بَعَيْ فَهُو لَنَا لاَشْدَى مِنَ الْمُتَعَرِّكِ بِسَاكِي كُلُّ مَا لَيْسَ بَعَيْ فَهُو لَاعَالُمُ مُوْجِبَةً مَعْ أَنَّ طَرْفَيْهَا عَدَمِيَّانِ وَ قُولَنَا لاَشْدَى مِنَ الْمُتَعَرِّكِ بِسَاكِي سَاكِيةً مَعْ أَنَّ طَرْفَيْهَا وَجُودِيَّانِ •

٧٧ وَ السَّالِبَةُ الْبَسِيْطَةُ اعَمُّ مِنَ الْمُوجِبَةِ الْبَعْدُ وَلَةِ الْمَحْمُولِ لِصِدْقِ السَّلْبِ عِنْدَ عَدَمِ الْمَوْضُوعِ

دُونَ الْإِيْجَابِ فَإِنَّ الْإِيْجَابَ لَا يَصِحُّ إِلَّا عَلَى مَوْجُودٍ مُحَقَّقِ كَمَا فِي الْخَارِجِيَّةِ الْمُوضُوعِ آوَمُقَدَّرٍ كَمَا فِي الْخَارِجِيَّةِ الْمُوضُوعِ آمَا إِذَا كَانَ الْمُوضُوعُ مَوْجُودًا فَانَّهُمَا مُثَلَا رَمِتَانِ • وَالْفَرْقُ بَيْنَهُمَا فِي اللَّفَظِ آمَّا فِي اللَّفَظِ آمَّا فِي اللَّفَظِ آمَّا أَنَّ فِيهَ فَي اللَّفَظِ آمَّا مَنَلَا وَمَثَانِ • وَالْفَرْقُ بَيْنَهُمَا فِي اللَّفَظِ آمَّا فِي اللَّفَظِ آمَّا وَالْمَا ثُنِي اللَّهُ فِي اللَّفَظِ آمَّا مَنَلَا وَمَثَانِ • وَالْفَرْقُ بَيْنَهُمَا فِي اللَّفَظِ آمَّا وَ آمَّا فِي اللَّهَ فِي اللَّهُ فِي اللَّهُ وَالْمَا فَي اللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ اللَّهُ اللَّهُ وَاللَّهُ وَاللَّهُ اللَّهُ اللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ اللَّهُ الللَّهُ اللللْمُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللْمُعُلِّلُولُولُ الللللَّهُ اللَّهُ الللللَّهُ اللَّهُ الللللَّهُ اللللْمُ اللَّهُ الللللْمُ الللللْمُ الللللْمُ الللللْمُ الللللْمُولُولُ اللللللْمُ الللللللللْمُ اللللللللْمُ اللَّهُ اللللللْلِمُ اللللللْمُولُولُ اللللْمُولُولُ اللْمُولُولُولُولُ اللللْمُو

ٱلْبَحْثُ الرَّابِعُ فِي الْقَضَايَا الْمُوَجَّهَةِ

٨٥ لَا بُدُّ لِنِسْبُمْ الْمَحْمُولَاتِ إِلَى الْمَوْضُوعَاتِ مِنْ كَيْفَيَّةٌ الْجَابِيَّةٌ كَانَتِ البَسْبَةُ اوْ سَلْبِيَّةٌ كَانَتُّرُورَةٍ وَ اللَّامُ وَ لَسَمَّى تِلْكَ الْكَيْفِيَّةٌ مَادَّةٌ الْقَضِيَّةِ وَ اللَّفَظُ الدَّالُّ عَلَيْهَا يُسَمَّى جَهَةَ الْقَضِيَّةِ وَ اللَّفَظُ الدَّالُّ عَلَيْهَا يُسَمَّى جَهَةَ الْقَضِيَّةِ وَ اللَّفَظُ الدَّالُّ عَلَيْهَا يُسَمَّى جَهَةً الْقَضِيَّةِ وَ اللَّافُطُ الدَّالُّ عَلَيْهَا يُسَمَّى

وع وَ الْقَضَائِا الْمُوجَّبَةُ النَّبِي جَرَتِ الْعَادَةُ بِالْبَحْثِ عَنْهَا وَعَنْ اَحْكَامِهَا ثُلْثَ عَشَوَةً قَضِيَّةً مِنْهَا
 بَسِيطَةً وَ هِيَ النَّبِي حَقْيِقَتُهَا إِنْجَابُ فَقَطْ أَوْسَلْبُ فَقَطْ وَمِنْهَا مُوكَّبَةً وَ هِيَ النَّبِي حَقَيْقَتُهَا تَرَكَّبَتْ مِنْ
 انْجَاب وَسَلْب مَعًا •

8 أمَّا الْبَسَائِكُ فُسِتُ

ٱلْأُوْلَى

الصَّرُورِيَّةُ الْمُطْلَقَةُ وَ هِنِي الَّذِي تَحْكُمُ بِيْهَا بِضُرُورَةِ تُبُوْتِ الْمَحْمُولِ لِلْمَوْضُوْمِ أَوْ سَلَبِهِ عَنْهُ مَا دَامَ ذَاتُ الْمَوْضُومِ مَوْجُودَةً كَقُولْنِا بِإِنْضُرُورَةً كُلُّ إِنْسَانٍ حَيَوَانَ وَبِالضُّرُورَةِ لِآشَيْقُ مِنَ الْإِنْسَانِ بِحَجَرٍ.

ٱلثَّا نِيَةُ

الدَّائِمَةُ الْمُطْلَقَةُ وَ هِيَ الَّتِيْ تُحُكُمُ مِيْهَا بِدَّوَامِ ثُبُوْتِ الْمَحْمُولِ لِلْمَوْضُوعِ اوْسَلَبِهِ عَنْهُ مَا دَامَ ذَاتُ الْمَوْشُوعِ مَوْجُودُةً وَمِثَا لَهَا إِيْجَابًا وَسَلْبًا مَامَرٌ .

الثَّالِثُهُ

الْمَشْرُوطَةُ الْعَامَّةُ وَ هِيَ الَّهِي تُحْكُمُ فِيْهَا بِضُرُوْرَةٍ تُبُوْتِ الْمَحْمُولِ لِلْمَوْضُوعِ أَوْ سَلْبِهِ عَنْهُ

بِشَرْطِ وَصْفِ الْمَوْفُومِ كُقُولِنَا بِالضَّرُورَةِ كُلُّ كَا تِبٍ مُتَخَرِّكُ الْأَصَابِعِ مَا دَامً كَا تِبًا وَبِالضَّرُورَةِ لَا شَيْمَى مِنَ الْكَاتِبِ بَسِاكِن الْاَصَابِعِ مَا دَامً كَاتِبًا •

ألرابعة

الْعُرْفِيَّةُ الْعَامَّةُ وَ هِيَ الَّذِيْ تُحَكَّمُ فَيْهَا بِدِّوَامِ ثُبُوْتِ الْمَحْمُولِ لِلْبَوْضُوْعِ أَوْ سَلْبِهِ عَنْهُ بِشَرْطِ وَصْفِ الْمَوْضُوْعِ وَمِثَالُهَا اِنْجَابًا وَسَلْبًا مَامَرًا •

ألخامسة

الْمُطْلَقَةُ الْعَامَّةُ وَ هِيَ النَّنِي تُحْمَّمُ مِيْهَا بِتُبُوْتِ الْمَحْمُولِ لِلْمَوْضُوعِ اوْ سَلْبِهِ عَنْهُ بِإِنْفِعْلِ كَقَوْلِنَا بِالْمُطْلَقَةُ الْعَامَّ كُلُّ الْسَانِ مُتَنَقِّشُ وَبِالْإِطْلَاقِ الْعَامِّ لاَشَيْقُ مِنَ الْإِنْسَانِ بِمُتَنَقِّسٍ •

ألسادسة

الْمُمْكِنَةُ الْعَاشَةُ وَهِيَ الَّتِي تُحْكَمُ فِيهَا بِالْ تِفَاعِ الضَّرُورَةِ الْمُطْلَقَةِ عَنِ الْجَانِبِ الْمُخَالِفِ لَلْحُكِم كَقُولِينَا بِالْإِمْكَانِ الْعَامِّ كُلُّ نَارٍ حَارَّةُ وَبِالْإِمْكَانِ الْعَامِّ لاَشَيْقَ مِنَ الْحَارِبِبَارِدِ •

ا اللهُ وَأَمَّا الْمُرَكَّبَاتُ فَسَبْع

اَ لْأُولَى

الْمَشُرُوطَةُ الْخَامَّةُ وَهِيَ الْمَشُرُوطَةُ الْعَامَّةُ مَعَ قَيْدِ اللّادَوامِ بِحَسَبِ الذَّاتِ وَهِيَ إِنْ كَانَتُ مُوْجِبَةً كَتَوْلِنَا بِالضَّرُورَةِ كُلُّ كَاتِبٍ مُتَحَرِّكُ الْاَصَابِعِ مَا دَامَ كَاتِباً لَا دَائِمًا فَتَوْكَيْبُهَا مِنْ مُوْجِبَةٍ مُشْرُوطَةٍ عَامَّةٍ وَسَالِبَةٍ مُطْلَقَةٍ عَامَّةٍ وَ إِنْ كَانَتُ سَالِبَةً كَقُولِنَا بِالصَّرُورَةِ لَا شَيْعَى مِنَ الْكَاتِبِ بِسَاكِنِ الْاَصَابِعِ مَا دَامٌ كَاتِبًا لَادَائِمًا فَتَرْكِيْبُهَا مِنْ سَالِبَةٍ مُشْرُوطَةٍ عَامَّةٍ وَ مُؤجِبَةٍ مُطْلَقَةٍ عَامَّةٍ .

ا لنَّا نِيْهُ

الْعُرُونِيَّةُ الْخَاصَّةُ وَهِيَ الْعُرُونِيَّةُ الْعَامَّةُ مَعْ قَيْدِ اللَّادَوَامِ بِحَسَبِ الذَّاتِ وَهِيَ انْ كَانَتْ مُوْجِبَةً فَكَرْكِيْبُهَا مِنْ مُوجِبَةٍ عُرُونِيَّةٍ عَامَّةٍ وَسَالِبَةٍ مُطْلَقَةٍ عَامَّةٍ وَإِنْ كَانَتْ سَالِبَةً فَتَرْكِيْبُهَا مِنْ سَالِبَةٍ عُرْفَيِّةٍ عَامَّةٍ وَمُوجِبَةٍ مُطْلَقَةٍ عَامَّةً وَمِثَالُهَا إِنْجَابًا وَسَلَبًا مَامَرٌ •

ألنًا لنته

الْوَجُودِيَّةُ اللَّمْرُورِيَّةُ وَهِيَ الْمُطْلَقَةُ الْعَامَّةُ مَعَ قَيْدِ اللَّمْرُورَةِ بِحَسَبِ الذَّاتِ وَهِيَ إِنْ كَانَتُ مُوجِبَةً كَقُولِنَا كُلُّ اِنْسَانِ فَاحِكُ بِالْفِعْلِ لَا بِالضَّرُورَةِ فَتُرْكِيْبُهَا مِنْ مُوجِبَّةٍ مُطْلَقَةٍ عَامَّةٍ وَسَالِبَةٍ مَنْكِنَةً عَامَّةٍ وَإِنْ كَانَتُ سَالِبَةً كَقُولِنَا لَا شَيْمَ مِنْ الْإِنْسَانِ بِضَاحِكِ بِالْفِعْلِ لَا بِالضَّرُورَةِ فَتَوْكِيْبُهَا مِنْ سَالِبَةٍ مُطْلَقَةٍ عَامَّةٍ وَمُوجِبَةٍ مُمْكِنَةٍ عَامَّةٍ هَ

الرابعة

الْوُجُوْدِيَّةُ اللَّهِ النَّهُ وَهِيَ الْمُطْلَقَةُ الْعَامَّةُ مَّعُ ثَيْدِ اللَّذَوَّامِ لِحَسَّبِ النَّاتِ وَهِيَ سَوَاءً كَانَتْ مُوْجِبَةً اَوْ سَالِبَةٌ فَتَوْكِيْبُهَا مِنْ مُطْلَقَتَيْنِ عَامَّتَيْنِ إِحْدَالْهُمَا مُوْجِبَةً وَ الْأَخْرَىٰ سَالِبَةً وَ مِثَالُهَا إِيْجَابًا ۚ وَسَلَبًا مَامَرٌ ه

ألخامسة

إَلْسًا وَسَٰةً

الْمُنْتَشِرَةُ وَهِي النِّي تُحْكُمُ فِيْهَا بِضَرُورَةِ تُبُوْتِ الْعَشُولِ لِلْمَوْضُوعِ اوْسَلْبِهِ عَنْهُ فِي وَقْتِ غَيْرِ مُعَيَّى مِنَ اوْقَاتِ وَجُوْدِ النَّوْضُوعِ مُعَيِّدًا بِاللَّادَوَّامِ بِحَسْبِ النَّاتِ وَهِي إِنْكَانَتْ مُوْجِبَةً كَقُولِنَا بِالضَّرُورَةِ مَنْ اللَّهُ وَاللَّهِ مِنْ مُوْجِبَةٍ مُنْتَشِرَةٍ مُطْلَقَةٍ وَسَالِبَةٍ مُطْلَقَةً عَامَّةٍ كُلُّ إِنْسَانِ مُتَنَفِّشِ فِي وَقَتْ مَا لاَ دَائِمًا فَتَرْكِيْبُهَا مِن مُوْجِبَةٍ مُنْتَشِرةٍ مُطْلَقَةٍ وَسَالِبَةٍ مُطْلَقَةً عَامَّةً وَ اللَّهُ مَنْ فَيْ إِنْ كَانَتُ مِن الْانْسَانِ بِمُتَنَفِّسٍ فِي وَقَتْ مَا لاَ قَالِمُ فَتَرَكِيْبُهَا مِن سَالِبَةٍ مُنْتُقِسٍ فِي وَقَتْ مَا لاَ قَالِمُ فَتَرَكِيْبُهَا مِن سَالِبَةٍ مُنْتُقِسٍ فِي وَقَتْ مَا لاَ قَالِمُ لِنَا بِالضَّرُورَةِ لاَ شَيْعَ مِنَ الْانْسَانِ بِمُتَنَفِّسٍ فِي وَقَتْ مَا لاَ قَالِمُ اللَّهِ مَنْ اللَّهُ مَا لَهُ مَا لِللَّهِ مُنْتُهِمْ فَي مُطْلِقَةً وَمُوجِبَةٍ مُطْلَقَةٍ وَمُوجِبَةٍ مُطْلَقَةً عَامِّةً وَاللَّهِ مُنْتُعِرَةٍ مُطْلَقَةً وَمُوجِبَةٍ مُطْلَقَةً عَامِّةً عَامِّةً وَاللَّهُ مُنْ اللَّهُ مُنْتُعِرَةٍ مُطْلِقَةً وَمُوجِبَةً مُطْلِقَةً عَامِّةً مَا إِلَيْهِ مُنْتُقِرَةٍ مُطْلِقَةً وَمُوجِبَةٍ مُطْلِقَةً عَامِّةً وَاللَّهُ اللَّهُ اللَّهُ مِنْ الْمُعْمَ لِهِ مُنْتُقِرَةٍ مُطْلِقَةً وَمُوجِبَةٍ مُطْلِقَةً عَامِيّةً مُنْتُومِ اللَّهُ الْمُؤْمِ اللَّهُ الْمُلْعَالِةً اللَّهُ الْمُعْتِي اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ عَلَيْهُ مُنْ الْمُعْرَةِ مُنْ اللَّهُ الْمُلِقَةُ اللَّهُ اللّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الْمُنْ الْمِلْعُ الْمِلْ الْمُؤْمِلُ اللَّهُ الْمُلْعَالِقُ اللَّهُ اللَّهُ الْمُلْعُلُولُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الْمُعْتِقِ اللَّهُ اللّهُ اللّهُ اللّهُ اللّهُ اللّهُ الللّهُ الْعُلُولُ الْمُعْلِقُ اللّهُ اللّهُ اللْمُؤْمِ الللّهُ اللّهُ اللّ

السابعة

الفصل التَّاني فِي أَقْسَامِ السَّوْطِيَّةِ

سمه و اسًّا المُنْفَصِلَةُ فَإِمَّا حَقِيْقِيَّةً وَهِيَ الَّتِي تُحَكِّمُ فِيهَا بِالتَّنَافِي بَيْنَ جُزْفَهَا فِي الصِّدْقِ وَ الْكِذْبِ مَعًا كَقُولِنَا الْمَا اَنْ يَكُونَ هَذَا السَّيْنَ حَجَرًا الشَّيْنَ وَهِي النَّتِيْ تَحْكُمُ فَيْهَا بِالنَّنَافِي بَيْنَ الْجُزْفَيْنِ فِي الصِّدْقِ فَقَطَ كَقُولِنَا المَّا اَنْ يَكُونَ هَٰذَا الشَّيْنَ حَجَرًا اوْشَجَرًا وَ امَّا مَانِعَةُ الْجُلُووَ هِي النَّنَافِي بَيْنَ الْجُزْفَيْنِ فِي الصِّدْقِ فَقَطَ كَقُولِنَا امَّا اَنْ يَكُونَ هُذَا الشَّيْنَ حَجَرًا اوْشَجَرًا وَ امَّا مَانِعَةُ الْجُلُووَ هِي النَّيْنَ فِي الْمَثِلَةِ وَهِي النَّذَى فَي النَّذِب فَقَطَ كَقُولِنَا امِّا اَنْ يَكُونَ النَّامِي وَيَهَا لِذَاتِي الْجُورَقِي وَيَهَا لِهَا اللَّهُ فِي النَّذِي فَي النَّذِب فَقَطَ كَقُولِنَا امِنَّا انْ يَكُونَ وَيَهَا لِذَاتِي الْجُورَقِي كَمَا فِي الاَنْدَى وَلَا اللَّهُ اللْهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الللللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّلَا اللللَّهُ الللللَّهُ اللللللَّهُ اللَّهُ الللللَّهُ الللللَّهُ

عه و سُالِبَةُ كُلِّ وَاحِدَةٍ مِنْ هٰذِهِ الْقَضَايَا التَّمَانِ هِيَ الَّتِيْ يُرْفَعُ فِيْهَا مَا حُكِمَ بِعِ فِي مُوجِبَتِهَا فَسَالِبَةً اللَّذُو مِ تُسَمَّى سَالِبَةً لُزُومِيَّةً وَ سَالِبَةً الْعِدَادِ تَسَمَّىٰ سَالِبَةً عِنَادِيَّةً وَ سَالِبَةً الْاِتْفَاقِ تُسَمَّى سَالِبَةً اِتّفَاقِيَّةً •

ه و الْكُتَّصِلَةُ الْمُوْجِبَةُ تَصَدُّقُ عَنْ صَادِقَيْنِ وَعَنْ كَاذِبِيْنِ وَعَنْ مُجَهُوْلِ الصِّدْقِ وَالْكِذَبِ وَعَنْ مُجَهُوْلِ الصِّدْقِ وَالْكِذَبِ وَعَنْ مُجَهُوْلِ الصِّدْقِ وَالْكِذَبِ وَعَنْ مُجَوْلُيْنِ كَاذِبِيْنِ مُقَدَّمٍ كَاذِبِيْنِ وَعَنْ مُقَدَّمٍ كَاذِبِيْنِ عَنْ جُزْلُيْنِ كَاذِبِيْنِ مُقَدَّمٍ كَاذِبِيْنِ وَعَنْ مُقَدَّمٍ كَاذِبِيْنِ عَنْ جُزْلُيْنِ كَاذِبِيْنِ وَعَنْ مُقَدَّمٍ كَاذِبِ وَ ثَالٍ صَادِقٍ وَبِالْعَكْسِ وَعَنْ صَادِقِيْنِ هَذَا الذَا كَانَتُ لُرُومِيدٌ وَ آماً اذَا كَانَتُ

إِنْ اللَّهِ اللَّهِ اللَّهُ عَنْ مَا دِ لَكُنْ مُحَالً • وَ الْمُنْفَصِلَةُ الْمُوجِبَةُ الْحَقِيْقِيَّةُ تَصْدُقُ عَنْ صَادِقٍ وَ كَاذِبٍ وَ تَكْدِبُ عَنْ عَادٍ قَلْمِ وَ عَنْ كَاذِبِيْدِ وَ عَنْ صَافِقٍ وَ كَاذِبٍ وَ تَكْذِبُ عَنْ مَا دِ قَيْنِ وَ عَنْ كَاذِبِيْدِ وَ مَنْ صَافِقٍ وَ كَاذِبٍ وَ تَكْذِبُ عَنْ مَا فِي وَ السَّالِيَةُ تَصْدُقُ مَا دِقِيْ وَ مَا نِعَةُ الْمُوجِبَةُ وَمَا نِعَةً وَمَا نِعَةً عَنْ مَا دِقِي وَ عَنْ مَا دِقِي وَ كَاذِبٍ وَ تَكْذِبُ عَنْ كَاذِبِينِ • وَ السَّالِيَةُ تَصْدُقُ عَنْ مَا دِقِي وَ كَاذِبٍ وَ تَكْذِبُ عَنْ كَاذٍ بَيْنِ • وَ السَّالِيَةُ تَصْدُقُ عَنْ مَا دُوبِ وَ السَّالِيَةُ اللَّهُ وَبِنَاقً وَ السَّالِيَةُ اللَّهُ وَبِنَا لَا لَا مُؤجِبَةً •

٥٩ وَكَايِّةُ الشَّرْطِيَّةِ الْ يَكُونَ التَّابِي لَا رَمَّا اَوْ مُعَانِدًا لِلْمُقَدَّمِ عَلَى جَبِيْعِ الْاَوْمَاعِ الَّبِي يُكُنِي مُحُولُهُ مُعَهَا وَهِي الْاَوْمَاعُ النِّبِي تَعْصُلُ لَهُ بِسَبِبِ اقْتِرَانِ الْاُمُورِ النَّيْ يُمُنِي اجْتِمَا عُهَا مَعْهُ وَ الْمُخْصُومَةُ اَنْ تَكُونَ كَذَلِكَ عَلَى وَفَعِ مَعَيَّى وَ فَي الْمُنْفَضِلَةِ ذَائِبًا وَسُورُ السَّالِيَةِ الْكَلِيَّةِ فِيهِمَا فَدُ يَكُونَ وَ السَّالِيَةِ الْمُؤْمِنِيَّةِ فِيهِمَا فَدُ لَا يَكُونُ لَيْكُونَ وَ السَّالِيَةِ الْمُؤْمِنِيَّةِ فِيهِمَا فَدُ لَا يَكُونَ وَ السَّالِيَةِ الْمُؤْمِنِيَّةِ فِيهِمَا فَدُ لَا يَكُونَ وَ السَّالِيَةِ الْمُؤْمِنَةِ وَلِهُ اللَّالِيَةِ الْمُؤْمِنَةِ وَالْمُهُمَالَةِ وَالْمُهُمَالَةِ الْمُؤْمِنَةُ بِإِطْلَاقِ اللسَّالِيَةِ الْمُؤْمِنِيِّةِ فَيْهِمَا فَدُ لَا يَكُونُ وَ السَّالِيَةِ الْمُؤْمِلِةِ فَيْهِمَا فَدُ لَا يَكُونَ وَ النَّالِيَّةِ وَلِي الْمُنْفَعِلَةِ فَيْهِمِيا فَدُ لَا يَكُونُ وَ السَّالِيَةِ الْمُؤْمِنَةُ وَالْمُ اللَّهُ الْمُؤْمِلِهُ الْمُؤْمِلِةُ وَالْمُهُمَلَةُ الْمُؤْمِلِةُ وَلَا السَّالِيَةِ الْمُؤْمِلِةُ وَالْمُؤْمِلَةُ وَالْمُؤْمِلَةُ وَالْمُؤْمِلَةُ وَالْمُؤْمِلَةُ وَالْمُؤْمِلَةُ وَالْمُؤْمِلَةُ وَى الْمُنْفَعِلَةً وَالْمُؤْمِلَةُ وَالْمُؤْمِلَةُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلَةُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلَةُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلِةُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِ اللْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلُهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلُومُ وَالْمُؤْمِلُهُ وَالْمُؤْمِلُهُ وَالْمُؤْمِلِهُو

٥٥ وَ الشَّرْطِيَّةُ قَدْ تَتَرَكَّبُ عَنْ حَمْلِيَّنَيْنِ وَ عَنْ مُتَّصِلَةً مِ مُنْفَصِلَتَيْنِ وَ عَنْ حُنْلِيَّةً وَ مُتَّصِلَةً وَ مُنْفَصِلَةً فِي الْمُنْفَصِلَة عَنْ اللَّهُ اللَّ

ٱلْفَصْلُ الثَّالِثُ فِي أَحْكَامِ الْقَضَايَا وَفِيْهِ أَرْبَعَةُ مَبَاحِثَ

ٱلْبَصْتُ الْأُولُ فِي النَّمَا تُضِ

٥٨ وَ حَدَّوْهُ بِأَنَّهُ (خَتِلَافُ عَضِيَّتَنِي بِالْإِنْجَابِ وَ السَّلْبِ بِحَيْثُ يَقْتَضِي لِدَاتِهِ انْ يَكُونَ الْحَدَنَا مُا وَ السَّلْبِ بِحَيْثُ يَقَتَضِي لِدَاتِهِ انْ يَكُونَ الْحَدَنَا مُا مَا دِنَةً وَ الْأَخْرَى كَاذِبَةً •

وه وَ لاَ يَكْتِهُ قُتُ اللَّنَاتُفُ فِي النَّهُ صُوْمَتَيْنِ إِلَّا عِنْدُ النَّحَادِ الْمَوْمُوعِ وَيَنْدُرِجُ فَيْهِ وَحَدُهُ الشَّرْطِ وَالْمُنَانِ وَالْمُنَانِ وَالْمُنَانِ وَالْقُلَّةِ وَالْعَلَّةِ وَالْعَلِي ﴿ وَالْمُنَانِ وَالْمُنَانِ وَالْمُنَانِ وَالْقُلَّةِ وَالْعَلِّةِ وَالْعَلِي ﴿ وَالْمُنَانِ وَالْمُنَانِ وَالْمُنَانِ وَالْمُنَانِ وَالْمُنَانِ وَالْمُنَانِ وَالْقُلَّةِ وَالْعَلِي ﴿

وَ مِى السَّصُوْرَتَيْنِ وَبُدَّ مَعَ ذَلِكَ مِنَ الْإَخْتِلَافِ بِالْتَبِيَّةِ لِصِدْقِ الْسُرْئِيَّتَيْنِ وَكِذَبِ الْتُكَيِّنَيْنِ فِي كُلِّ مَادَّةٍ يَكُونُ النُومُوعِ فِيهَا اَمَّ مِنَ السَّعُنُولِ وَوَبُدَّ مِنَ الْخَتِلَافِ بِالْجِهْةِ فِي الْتُلِّ لِصِدْقِ الْسُكُنِتَيْنِ فِي مَادَّةِ الْإِمْكَانِ .
وَكِذَبِ الضَّرُورِيَّتَيْنَ فِي مَادَّةِ الْإِمْكَانِ .

وه النَّهُ وَاللَّهُ اللَّالُولَةِ الْمُطْلَقَةِ الْمُنْكِنَةُ الْعَامَّةُ فِي سَلْبَ الضَّرُورَةِ مَعَ الضَّرُورَةِ مِنَا يَتَنَاقَضَانِ جَرْمًا و وَنَقِيْفُ الدَّائِمَةِ الْمُطْلَقَةِ الْعَامَّةُ الْعَامَّةُ الْقَالَبُ نِي كُلِّ الْاَوْقَاتِ يُنَانِيْهِ الْإِنْجَابُ فِي الْبَعْضِ وَبِالْعَلْسِ و وَنَقَيْضُ الْمُشْرُوطَةِ الْعَامَّةِ الْحِينَظِّةُ الْمُنْكِنَةُ اعْنِى النِّي حُكِمَ فَيْهَا بِرَنْعِ الصَّرُورَةِ بِحَمَّتِ الْوَصْفِ عَي الْجَانِبِ الْمُخَالِفِ كَقُولِنَا كُلَّ مَنْ بِهِ ذَاتُ الْجَنْبِ يُنْكِنُ الْ يَمْعِلَ الشَّوْرُورَةِ بِحَمَّتِ الْوَصْفِ عَي الْجَانِبِ الْمُخَالِفِ كَقُولِنَا كُلَّ مَنْ بِهِ ذَاتُ الْجَنْبِ يَنْكِنُ الْ يَمْعِلَ الْمُطْلَقَةُ آعِنِي النَّهِ عَنْهُ وَي بَعْضِ الْعُرْفِيَّةِ الْعَامِّةِ الْعَامِّةِ الْمُطْلَقَةُ آعِنِي النَّهِ عُنْهُ وَي بَعْضِ آخَيًا فِي وَمْفِ الْمُؤْمُومِ وَمِثَالَهُا مَامَرً و يَثْهُلُ الْمُؤْمُومِ الْسُؤَمُّومِ اوْسَلِيْهِ عَنْهُ وَيْ بَعْضِ آحْيًا فِي وَصْفِ الْمُؤْمُومِ وَمِثَالَهَا مَامَرً و

الا وَامَّا الْمُركَّبَاتِ وَنَقَائِضِ الْبَسَائِطِ فَانَّكَ إِذَا تَحَقَّقَتَ انَّ الْوَجُودِيَّةَ اللَّهَ الْبِهَا مِنْ بَخَقَائِقِ الْمُركَّبَاتِ وَنَقَائِضِ الْبَسَائِطِ فَانَّكَ إِذَا تَحَقَّقَتَ انَّ الْوَجُودِيَّةَ اللَّهَ الْبِهَ تَرْكِيْبُهَا مِنْ مُطْلَقَتَيْنِ عَامَّتَهِي إِحْدَائِهَا مُوجِبَةً وَ الْاَخْرَى سَالِبَةً وَ انَّ نَقِيضَ الْمُطلَقَةِ هُوَ الدَّائِمَةُ تَجَقَّقَتَ انَّ نَقِيضَهَا إِمَّا الدَّائِمَةُ الْمُخَالِفَةُ أَوِ الدَّائِمَةُ الْمُوافِقَةُ و وَإِنْ كَانَتُ جُزْئِيَّةً فَلاَ يَمُفِي فِي نَقِيضِهَا اللَّهُ اللَّهَ الدَّائِمَةُ الْمُوافِقَةُ و وَإِنْ كَانَتُ جُزْئِيَّةً فَلاَ يَمُفِي فِي نَقِيضِهَا مَا الدَّائِمَةُ الْمُوافِقَةُ و وَإِنْ كَانَتُ جُزْئِيَّةً فَلاَ يَمُفي الْجَوْمُ وَيَوْنَ لاَ وَالدَّائِمَةُ الْمُوافِقَةُ و وَإِنْ كَانَتُ جُزْئِيَّةُ فَلاَ يَكُونِ الْمُوافِقَةُ مَنْ الْجَوْمُ وَاجِدِهِ اللَّهُ الْمُوافِقَةُ وَ وَاللَّالِمُ اللَّهُ الْمُوافِقَةُ وَ اللَّالِمُ اللَّهُ الْمُؤْلِقُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ

٩٢ وَ أَمَّا الشَّرْطِيَّةُ مَنَقِيْفُ الْكَلِيَّةِ مِنْهَا الْجُزْئِيَّةُ الْمُوَافِقَةُ فِي الْجِنْسِ وَالنَّوْعِ وَالْمُحَالِفَةُ فِي الْكِيفَ وَالْكَمِّ وَبِالْعَكْسِ •

ٱلْبَحْثُ النَّانِي فِي الْعَكْشِ الْمُسْتَوِي

وَ هُو عِبَارَةً عَنْ جَعْلِ الْجَرْدِ أَلَّرَلِ مِنَ الْقَضِيَّةِ ثَانِياً وَالنَّانِي أَوَّا مَعَ بَقَادِ الصِّنْقِ وَالْكَيْفِ بِعَالِهِما هَ الْمَارَةُ عَنْ جَعْلِ الْجَرْدِ أَلَّرُلُو مِنَ الْقَضِيَّةِ ثَانِياً وَالنَّالَةَ الْعَامَّةَ الْعَامَّةَ الْعَامَّةَ السَّرَالِ وَالْمَكُونَةَ الْعَامَّةَ الْعَامَّةَ الْعَامَّةَ الْعَامَّةَ الْعَامَّةَ الْعَامَّةَ الْعَامَةَ الْعَامَةُ الْعَامِّةُ لَهِ مَنْ الْقَدْرِ بِمُنْفَسِف لَا مُتِنَاعِ الْعَكْسِ فِي الْحَرِّمَ الْوَتْتِيَّةُ لِصِدْقِ تَوْلِنَا بِا لَضَّرُورُ رَوَّ لاَ تَقَيْمَ مِنَ الْقَدَرِ بِمُنْفَسِف لَا مُتَنَاعِ الْعَلَيْ فَي الْمَعْنَ مِنَ الْقَدَرِ بِمُنْفَسِف

وَ قَتَ التَّرْبِيْعِ لاَ دَائِمًا وَ كَدُبَ قُولُنَا بَعْضُ الْمُنْخَسِفِ لَيْسَ بِقَمَرٍ بِالْإَمْكَانِ الْعَامُّ الَّذِبَي هُو اَعَمُّ الْجِهَاتِ لِآنَ كُلُّ مُنْخَسِفِ فَهُو اِلْمَاكُونِ الْعَكَسَ الْاَعَمُّ الْعَكَسَ الْاَعَمُّ الْعَكَسَ الْاَعَمُّ لاَنْعَكَسَ الْاَعَمُ لاَنْعَكَسَ الْاَعَمُ لاَنْعَكَسَ الْاَعَمُ لاَنْعَكَسَ الْاَعْمَ لاَنْعَكَسَ الْاَعْمَ لاَنْعَلَى الْعَلَيْدِ الْعَلَيْدِ الْعَلَيْدِ الْعَلَيْدِ اللَّهِ الْعَلَيْدِ الْعَلَيْدِ الْعَلَيْدِ اللَّهُ الْعَلَيْدِ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهِ اللَّهُ اللَّهِ اللَّهُ اللّ

الله أمَّا الضَّرُورِيَّةُ وَالدَّائِمَةُ الْمُطْلَقَتَانِ فَتَنْعُكِسَانِ دَائِمَةٌ كُلَيَّةٌ لِانَّةُ الْفَرُورَةِ بَالضَّرُورَةِ اوْ دَائِمًا لَا شَيْقُ مِنْ بَهِ مَ وَالَّا فَبَعْضُ بَ جَالِا طَلَقِ الْعَامِ وَهُومَعَ الْاصْلِ يُنْتَجِ بَعْضُ بَ لَاشَيْقُ مِنْ جَالِهُ الْعَامِ وَهُومَعَ الْاصْلِ يُنْتَجِ بَعْضُ بَ لَمَّا فِي الدَّائِمَةِ وَهُو مُحَالً •

90 وَأَمَّا الْمَشُرُوطُةُ وَ الْعُرُفِيَّةُ الْعَامَّتَانِ فَتَلْعَبُسَانِ عُرُفِيَّةً عَامَّةٌ كُلَيَّةٌ لاَ نَهُ إِذَا صَدَقَ بِالضَّرُورَةِ آوَ دَائِمًا لاَ شَيْعَ مِنْ بِ جَ مَادَامَ بَ وَ إِلّا فَبَعْضُ بَ جَ حِيْنَ هُو بَ وَ هُو مَعَ الْاَصْلِ يُنْتَجُ بَعْضُ بَ جَ حَيْنَ هُو بَ وَ هُو مَعَ الْاَصْلِ يُنْتَجُ بَعْضُ بَ لَيْسَ بَ حَيْنَ هُو بَ وَهُو مُحَالً • وَآمَّا الْمُشْرُوطَةُ وَالْعُرْفِيَّةُ الْحَاصَّتَانِ فَتَنْعُبُسَانِ عُرْفِيَّةً عَامَّةً لا دَائِمَةً فِي الْبَعْضِ آمَّا اللهُ وَامَّا الْمُشْرُوطَةُ لِلْعَامَّتَيْنِ وَآمَّ الله دَوَامُ فِي الْبَعْضِ عَلَى اللهُ عَنِي الْبَعْضِ آمَّا الْعُرْفِيَّةُ الْعَامَّةُ فَلِكُونِهَا لاَرْمَةٌ لِلْعَامَّتَيْنِ وَآمَّا اللّا دَوَامُ فِي الْبَعْضِ فَلَ اللهُ وَلَا لَهُ مُنْ بَعِيْنَ بَعْضَ بَ جَالِاطُلاقِ الْعَامِّ لَصَدَقَ لاَ شَيْبَى مِنْ بَ جَ دَائِمًا فَتَنْعَبُسُ إِلَى لاَ شَيْمَ مِنْ بَ جَ ذَائِمًا وَلَا لاَ الْعَرْفِيَةُ مَا لَكُولُولِ اللّهُ وَاللّهُ اللهُ اللهُ اللهُ اللهُ اللهُ وَاللّهُ اللهُ عَلَى اللهُ اللّهُ وَاللّهُ وَلَهُ اللّهُ اللهُ اللّهُ اللهُ اللهُ اللهُ اللّهُ اللّهُ اللّهُ اللهُ اللّهُ اللّهُ اللّهُ اللهُ اللّهُ اللهُ اللّهُ اللهُ اللهُ اللّهُ اللهُ اللّهُ اللّهُ اللهُ اللّهُ اللهُ اللهُ اللّهُ اللهُ اللّهُ اللهُ اللّهُ اللهُ اللهُ اللّهُ اللّهُ اللّهُ اللهُ اللّهُ اللّهُ اللهُ اللّهُ اللهُ اللّهُ اللهُ اللهُ اللّهُ اللّهُ اللّهُ اللّهُ اللّهُ اللّهُ اللهُ اللّهُ الل

٩٧ وَ اَمَّا الْمُوْجِبَةُ كُلِيَّةً كَانَتْ اَوْ جُزْئِيَّةً فَلاَ تَنْعَكِسُ كُلِيَّةً اَصْلاً لِإِحْتِمَالِ كَوْنِ الْمُحْمُولِ اَعَمَّ مِنَ الْمَوْمُوعِ الْمُحْمُولِ اَعَمَّ مِنَ الْمَوْمُوعِ كَقَوْلِنَا كُلُّ إِنْسَانٍ حَيْرَانً وَامَّا فِي الْجِهَةِ فَالْضَّرُورِيَّةُ وَالدَّا يُمَةُ وَالْعَامَّتَانِ تَنْعَكِسُ حِيْنِيَّةٌ مُطْلَقَةً لِإِنَّهُ إِذَا

48 وَامَّا الْمُمْكِنْتَانِ فَحَالُهُمَّا فِي الْإِنْكِاسِ وَعَدَمِهِ غَيْرُ مَعْكُومٍ لِنَوَقَّفِ الْبُوهَانِ الْمَدْكُورِ لِلْإِنْعِكَاسِ فِيهِمَا عَلَى إِنْعَاجِ الصَّغْرَى الْمُمْكِنَةِ مَعَ الْكُبَرَى الضَّرُورِيَّةِ فِي الشَّمْلِ عَلَى إِنْعَاجِ الصَّغْرَى الْمُمْكِنَةِ مَعَ الْكُبَرَى الضَّرُورِيَّةِ فِي الشَّمْلِ عَيْرُ مُلِحَقَّقٍ وَلِعَدَ مِ الطَّقَرِ بِدَلِيْلِ يُوْجِبُ الْإِنْعِكَاسَ وَعَدَمَهُ • وَامَّا الْاَوْلِ وَالتَّالِيفِ النَّدَيْنِ كُلَّ مِنْهُمَا غَيْرُ مُلَحَقَّقٍ وَلِعَدَ مِ الطَّقَرِ بِدَلِيْلٍ يُوْجِبُ الْإِنْعِكَاسَ وَعَدَمَهُ • وَامَّا الشَّرَطِيَّةُ قَالُمُ تَعْمَلُ الْمُوجِبَةُ تَنْعَيْسُ مُوجِبَةً جُرْئَيَّةً وَ السَّالِيَةُ الْكَلِيَّةُ سَالِيَةً كُلِيَّةً إِذَ لَوَصَدَقَ نَقِيفُ الشَّعْطِيَّةُ وَالسَّالِيَةُ الْكَلِيَّةُ سَالِيَةً كُلِيَّةً إِذَ لَوْصَدَقَ نَقِيفُ الشَّعْطِيَّةُ الْمُوجِبَةَ تَنْعَيْسُ مُوجِبَةً لِلْمُحَالِ وَ امَّا السَّالِيَةُ الْكَلِيَّةُ اللَّالَاقِيَّةً اللَّالِيَةِ الْكَلِيَّةُ اللَّالِيَةِ الْكَلِيَّةُ اللَّالِيَةُ الْكَلِيَّةُ اللَّالِيَةِ الْمُنْفَى اللَّالِيَّةُ اللَّهُ الْمُنْفَعِلُهُ فَلَا تَنْعَيْسُ لِعِدَقِ فَوْلِنَا قَدُ لاَ يَكُولُ اللَّالَالِيَّةً فَلاَ يَنْعَلِ الْعَنِي الْمُنْفَعِلَةً فَلاَ يَتُومُ الْمَلْ لِيَعَلِي الْمُنْفَعِلَةً فَلاَ يَتَعَوْلُ الْعَمْسُ لِعِدَةٍ الْمُنْفَعِلَةً فَلاَ يَتُعَلِّ وَيْهَا الْعَمْسُ لِعَدَمِ الْإِمْنِيَازِينِينَ وَلَيْ الْكَلُولُ الْمَالِقَعْمِلُكُ فَلاَ يَتُعَمِّلُ الْعَنْمُ لِيَعْلَى وَالْمَالِ اللَّهُ الْمُنْفَعِلَةُ فَلاَ يَتُعَمِّلُ الْعَنْمِ الْعَلَالِ وَلَالَاللَّالِيْلُ اللَّهِ الْمُنْفَالِ الطَّالِي الطَّالِقَ الْمَنْفَالِ اللَّالَالُولُولُولُولُولُولُ الْمُنْفَعِلَلُهُ وَالْمُولِ وَلِيَا الْعَنْسُ لِعَلَى الْمُنْفِيلُولُ الْمُلْقِيلُولُ الْمُلْولِ الْمَنْفِيلُولُولُولُ اللْعَلَالِ اللَّالِيَّةُ وَالْمُولِ الْمُعْلِقُ الْمُولِ الْمُعَلِقُ الْمُعْمُ

اَ لَهَ عُنِي مَكْسِ النَّهَ لِثُ فِي مَكْسِ النَّقَيْضِ

٩٩ وَهُوعِبَارَةٌ عَنْ جَعْلِ الْجُزِرِ الْأَوْلِ مِنَ الْقَضِّيةِ نَقِيْفَ النَّانِيْ وَالنَّانِيْ عَيْنَ الْأَوْلِ مَعَ مُخَالَفَة الْأَمْلِ
فِي الْكَيْفِ وَ مُوانَقَتِهِ فِي الصِّدْق •

٧٠ وَآمًا الْمُوجِبَاتُ فَإِن كَانَتُ كَلِيَّةً فَسَبَعُ مِنْهَا وَهِيَ النِّي لاَ تَعْكِسُ سَوَالِبُهَا بِالْعَكْسِ الْمُسْتَمِي لاَ تَعْمَلُ اللَّهُ يَعْمَلُ اللَّهُ الْمُسْتَمِي الْتَعْكِسُ الْحَرُورِيَّةُ وَالدَّائِمَةُ كُلِيَّةً لاَنَّهُ وَالْمَدَى بِالضَّرُورَةِ اَوْ دَالِمًا كُلُّ جَ بَ فَدَائِمًا لاَ شَيْحَ مِما لَيْسَ بَ فَهُو جَ بِالْفِعْلِ وَهُو مَعَ الاَصْلِ يُنْتَجُ بَعْضُ مَا لَيْسَ بَ فَهُو جَ بِالْفِعْلِ وَهُو مَعَ الْاَصْلِ يُنْتَجُ بَعْضُ مَا لَيْسَ بَ فَهُو جَ بِالْفِعْلِ وَهُو مَعَ الْاَصْلِ يُنْتَجُ بَعْضُ مَا لَيْسَ بَ فَهُو جَ بِالْفِعْلِ وَهُو مَعَ الْاَصْلِ يُنْتَجُ بَعْضُ مَا لَيْسَ بَ فَهُو جَ بِالْفِعْلِ وَهُو مَعَ الْاَصْلِ يُنْتَجُ بَعْضُ مَا لَيْسَ بَ فَهُو جَ بِالشَّوْرُورَةِ فِي الضَّرُورَيَّةِ وَ دَائِمًا فِي الشَّرُورَةِ الْمَالِقُ وَاللَّهُ الْمُشْرُوطَةُ وَ الْعُرْفَيَّةُ الْعَامِيلِ عَرْفَيَةً عَامَّةً كَالَّهُ لاَنَّهُ الْمَنْ الْمُسْتِونِ عَلَيْكُ فَي الشَّرُورَةِ الْمَالِقُ مَا لَيْسَ بَ وَلَا لَكُونَةً الْعَامِقُونَ وَلَا لَعْرَفَقِهُ الْمَالِقُ وَاللَّالَّ وَاللَّهُ الْمَسْتُونِ فَالْمَالِقُ وَاللَّالَّ وَاللَّهُ وَاللَّهُ الْعَلَى الْمُلْلِقِ فَي الْمُعْلِقِ عَلَيْكُولِ اللَّهُ وَاللَّهُ الْمَلْلِ وَلَامُ اللَّهُ وَاللَّهُ وَاللَّالَةُ وَوَالْمِ الْمُعْلِقِ مَا الْمُعْلِقِ وَالْمَالِ الْمُولِقِيلِ الْمُعْلِقِ وَالْمُ اللَّهُ وَالْمَالِولَ اللَّهُ وَالْمَالِ الْعَلْمُ لِولُومَ اللَّهُ وَالْمَالِ وَالْمُ لَلْمَالُ لِولُومِ وَاللَّهُ وَالْمُ لِلْمُ اللَّهُ وَالْمَالِ وَالْمُولِ الْمُعْلِيلُ الْمُعْلِ لِمُعْلِ الْمُعْلِ لِولَهُ وَالْمُولِ وَالْمُولِ الْمُعْلِ الْمُعْلِ لِولَهُ اللَّا وَالْمُ لِولَا الْمُعْلِيلُ وَالْمُولِ الْمُؤْلِ لِلْمُعْلِ لِلْمُعْلِ لِلْمُعْلِ لِلْمُ اللَّذِيلُ اللَّهُ وَالْمُ لِولَالِكُولُ اللَّهُ وَالْمُ لِلْ الْمُعْلِ لِلْمُ اللَّهُ وَالْمُ لِلْ الْمُعْلِيلُ الْمُعْلِيلُ الْمُعْلِيلُ الْمُعْلِيلُ الللَّهُ وَالْمُ الْمُؤْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِيلُ الللَّهُ وَالْمُ الْمُعْلِيلُ وَالْمُ الْمُعْلِيلُ الْمُعْلِيلُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقِ الْمُعْلِلِ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُ

الا وَ إِنْ كَانَتُ جُزِئِيَّةً فَالْخَا صَّنَانِ تَنْعَكِسَانِ عُرْفِيَّةً خَاصَّةً لِاتَّهُ اِذَا صَدَّى قَ بِالضَّرُورُةِ اوْ ذَا ثِمَا لَا نَ لَهُ الْمَا بَعْضُ مَا لَيْسَ بَ لَيْسَ جَ مَا ذَامَ لَيْسَ بَ لَا ذَائِمًا لَا نَ قَامِ ثَنُوتِ الْبَاءِ لَهُ وَلَيْسَ جَ مَا ذَامَ لَيْسَ جَ مَا ذَامَ لَيْسَ بَ فَلْمِسَ نَفْوِضُ ذَاتَ الْمَوْضُوعِ وَهُوَ جَ دَ فَدَ لَيْسَ بَ بِالْفِعْلِ لِلاَ دَ وَامِ تُبُوتِ الْبَاءِ لَهُ وَلَيْسَ جَ مَا ذَامَ لَيْسَ بَ بِالْفِعْلِ لِلاَ دَ وَامِ تُبُوتِ الْبَاءِ لَهُ وَلَيْسَ جَ مَا ذَامَ لَيْسَ بَ مَا ذَامَ جَ هَاذَا خُلْفَ وَ بَ وَلَا كَانَ جَ هِنَى هُو لَيْسَ بَ فَلْيُسَ بَ حِيْنَ هُو جَ وَقَدْ كَانَ بَ مَا ذَامَ جَ هَا الْخَلْفُ وَ بَ فَا لَعْلَوْ وَ هُو طَاهِرُ فَبَعْضُ مَا لَيْسَ بَ لَيْسَ جَ مَا ذَامَ لَيْسَ بَ لَادَامُ لَا وَهُو الْمَطْلَوْ \$ وَ وَلَا لَمُعْرَفِهُ وَلَيْسَ بَالْفَرُورُةِ الْمُعْرَفِقِ الْمَعْرُ هُولَيْسَ الْمُعْرَورُةِ الْوَقْتِيَّةِ دُونَ عَلَيْسَ بِالْسَانِ بِالصَّرُورُةِ الْمُطْلَقَةَ وَ بَعْضُ الْقَمَرِهُ وَلَيْسَ بَعْضُ الْعَمْولُولُ فَيْ الْمُعْرَفِقِ مِنْهَا لِمَا عُرَفْتَ بِالضَّورُ وَةِ الْوَقْتَيَّةِ دُونَ عَلَيْسَ بِاعْمَ الْجَهَاتِ وَمَتَى لَمْ تَفْعَلِسَالَمُ تَعْمَسَالُمُ تَعْمَسَ شَيْعَى مِنْهَا لِمَا عُرَفْتَ بِالْفَكُورُ وَةِ الْوَقْتِيَّةِ دُونَ عَلَيْسِا بِاعْمَ الْجَهَاتِ وَمَتَى لَمْ تَفْعَلِسَالَمُ تَعْمَسَا لَمْ تَعْمَسَالُمُ تَعْمَسَا لَمْ تَعْمَسَالُولَ الْمُعْلِقُ فَي مِنْهَا لِمَا عُرَفْتَ فَى الْكُنُسِ الْلُمُسَالِهُ اللْمُ لَلْمُ الْمُعْرَفِي مِنْهَا لِمَا عَرَفْتَ فَى الْمُنْ الْمُ الْمُعْرَالُ اللَّهُ الْمُ الْمُعْرَالُ اللَّهُ الْمُعْلِقُ الْمَا عُرَفْتَ الْمُعْمَلِ مَا لَيْسَالِهُ الْمَا عَرَفْتَ الْمُعْرِقِ الْمُعْلِقُ لَا لَعْمَالِقُولُ الْمُعْلِقُولُ وَالْمُ الْمُعْرَالُ لَعْمَلِهُ الْمَا عُرَفَى الْمُعْلِقُ الْمُعْلِقِيْلُ اللَّهُ الْمُعْمَلُولُولُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْرِقِي الْمُولِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُولُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْمِلُولُ الْمُعْلِقُ الْمُعْرِقُ الْمُعْلِع

٧٧ وَ آمَّا السَّوَالِبُ كُلِيَّةً كَانَتَ اَوْجُوْرُيَّةً ثَلَا تَنْعَكِسُ كَلِيَّةً لِإِحْتِمَالِ كَوْنِ نَقِيْفِ الْمَحْمُولِ اعْمَّ مِنَ الْمَوْضُوع وَ تَنْعَكِسُ الْخَامِّتَانِ حِيْنِيَّةً مُطْلَقَةً لِإِنَّهُ إِذَا صَدَقَ بِالضَّرُورَةِ اَوْدَائِمُا لاَ شَيْئِي مِنْ جَ بَ مَادَامُ

ج لاَدَائِمًا نَفُرِضُ الْمَوْهُوعَ لَا تَهُولَيْسَ بِ بِالْفِعْلِ وَلَا جَنِي بَعْضِ اَوْقَاتِ كُونِهِ لَيْسَ بِ لِأَنَّهُ لَيْسَ بَ فَهُولَيْسَ بَ فَهُولَيْسَ بَ فَهُولَيْسَ بَ فَهُولَا فَيْ بَعْضِ اَحْيَانِ لَيْسَ بَ وُهُو الْمُدَّعَى ه رَا مَّا النَّ فَيْنَانِ وَ الْوَجُودِ يَّنَانِ فَتَنْعَيْسُ مُطْلَقَةً عَامَّةً لِاَنَّهُ إِذَا صَدَّقَ لاَ شَيْعَ مِنْ جَ بَ بِا حْدَى عَلَ هَٰذِهِ الْجَهَاتِ الْوَقْتِيْنَانِ وَ الْوَجُودِ يَنَانِ فَتَنْعَيْسُ مُطْلَقَةً عَامَّةً لاَنَّهُ إِذَا صَدَّقَ لاَ شَيْعَ مِنْ جَ بَ بِا حْدَى عَلَ هَٰذِهِ الْجَهَاتِ نَفْرِضُ الْمُوضُوعَ فَ فَهُو لَيْسَ بَ بِالْفِعْلِ وَ جَ بِالْفِعْلِ لِوجُودِ الْمُوضُوعِ فَبَعْضُ مَالَيْسَ بَ فَهُو جَ بِالْفِعْلِ وَ جَ بِالْفِعْلِ لِوجُودِ الْمُوضُوعِ فَبَعْضُ مَالَيْسَ بَ فَهُو جَ بِالْفِعْلِ وَ جَ إِلْفِعْلِ وَ مُو السَّوَالِيِ وَالشَّرْطِيَّةُ مُوجِبَةً كَانَتُ الْفَعْلِ وَ هُو السَّوَالِيِ وَالشَّرْطِيَّةُ مُوجِبَةً كَانَتُ الْمَعْلُومِ وَ هُو السَّوَالِيِ وَالشَّرْطِيَّةُ مُو جَبَةً كَانَتُ الْوَالِيَّ وَلَا السَّوَالِيِ وَالشَّرْطِيَّةُ مُو السَّوَالِي وَالْمَوْلُومُ وَ هُو الشَّوْطِيَّةُ مُو السَّوَالِي وَلَا السَّوَالِي وَالسَّوْلِيَّةُ مُو السَّوَالِي وَالسَّوْلِيَّةُ مُولِولِهُ وَالْمُولُومُ وَ الْمَعْلُومُ وَالْمَالُومُ وَالْمَالِيَةُ لَعَيْرُ مُعْلُومُ وَالْمَوْلُومُ وَالْمَالُومُ وَالْمَلُومُ اللَّقُولِ وَالْمُولُومُ وَاللَّهُ الْمَعْلُومُ وَالْمَالِمُ وَالْمُولِ وَالْمُولِ وَالْمُولُومُ وَالْمَالِ وَالْمُولِ وَالْمَالِ وَالْمَالِ وَالْمَالِقُومُ الْمَالِمُ وَالْمَالِي الْمَالِقِيْمِ وَالْمَالِ وَالْمَالِقُومِ الْمَالِقُولِ وَالْمُولِ وَالْمُولُومُ وَالْمُولِ وَالْمَالِ وَالْمَالِ وَالْمَالِولِ وَالْمُولِ وَالْمُولِ وَالْمَالِ وَالْمَالِ وَالْمَالِ وَالْمَالِ وَالْمَالِولِ وَالْمَالِ وَالْمَالِولُومُ وَالْمُولِ وَالْمَالِ وَالْمَالِ وَالْمَالِلْمُ وَالْمَالِ وَالْمَالِولُومُ وَالْمُولِ وَالْمَالُولُومُ وَالْمَالِ وَالْمَالِ وَالْمَالِقُومُ وَالْمَالِهُ وَالْمَالِقُولُ وَالْمَالِ وَالْمَالِمُولُومُ وَالْمُولِ وَالْمَالِقُومُ وَالْمَالِولُومُ وَالْمُولُومُ وَالْمَالِمُولُ وَالْمَالِمُ وَالْمَالِولَا مَالِمُ وَالْمَالِولُومُ وَالْمَالِم

ٱلْبَصْتُ الرَّابِعُ فِي تَلَازُمِ الشَّوْطِيَّاتِ

اَلْمُقَالَةُ النَّا لِنَهُ فِي الْقِيَاسِ وَفِيْهَا خَمْسَةُ فُصُولِ اَلْفَصْلُ الْاَ وَّلُ فِي تَعْرِيْفِ الْقِيَاسِ وَاقْسَامِهِ

عه اَلْقِيَاسُ قُولُ مُولَّفُ مِنْ قَضَايًا إِذَا سُلِّمَوْ لَزِمَ عَنْهَا لِذَا تَهَا قُولُ آخَرُ.

٥٥ وَهُوَ إِسْتِثْنَائِيُ ۚ إِنْكَانَ عَيْنُ النَّلْيَجَةِ أَوْ نَقَيْضُهَا مُذَكُورًا فِيْهِ بِالْفِعْلِ كَقُولِنَا إِنْ كَانَ هَذَا جِسْمًا فَهُو مَنَكُورًا فِيْهِ بِالْفِعْلِ كَقُولِنَا إِنْ كَانَ هَذَا جِسْمًا فَهُو مَذَكُورً فِيْهِ مِنْ كَوْرً فِيْهِ وَ لَوْ قُلْنَا لَكِنَّهُ لَيْسَ بِمُتَعَيِّرٍ يُنْتِمُ أَنَّهُ لَيْسَ بِجِسْمٍ وَ نَقِيضُهُ مَذَكُورً فِيْهِ وَ لَوْ قُلْنَا لَكِنَّهُ لَيْسَ بِمُتَعَيِّرٍ يُنْتِمُ أَنَّهُ لَيْسَ بِجِسْمٍ وَ نَقِيضُهُ مَذَكُورً فِيْهِ وَ لَوْ قُلْنَا كُلُّ جِسْمٍ مُولَّفُ وَ كُلُّ مُولَّفِ حَادِثُ يُنْتِمُ كُلُّ جِسْمٍ حَادِثُ رَا فَيْهِ بِالْفِعْلِ • وَ لَوْ لَا نَقِيْضُهُ مَذَكُورًا فِيْهِ بِالْفِعْلِ •

٧٩ وَ مَوْضُوعُ الْمَطْلُوبِ يُسْمَى اَصْغَرَ وَ مُحْمُولُهُ اَكْبَرَ وَ الْقَضِيَّةُ الَّذِي جُعِلَتْ جُوْءَ قِيَاسِ تُسَمَى مُقَدِّمَةٌ وَ الْمُعَدِّ مَةُ الَّذِي فِيهَا الاَصْغَر الصُغَر الصُغَر عَ وَ الْمَعْرَ الصُغَر الصُغَر الصُغَر عَ وَ الْمَعْرَ الْمُعَدِّ مَةُ الْوَسَط عَذِه الْوَسَط وَ الْعَدَّ الْمَعْرَ الْمُعَدَّ مَةُ الْعَلَامِيَةُ وَ الْمَعْرَ الْمُعَدِّ الْمَعْرَ الْمُعَدِّ الْمَعْرَ الصُغْرَى بِالْكُبْرَى يُسَمَّى قَرِيْنَةً وَ ضَرَبًا وَ الْهَيْئَةُ الْحَاملِةُ مِن كَيْفَيِّةً وَضَع الْحَدِّ الْوَسَط عَنْدَ الْحَدَّنِي الْمُعْرَى بِالْكُبْرَى فَي يُسَمَّى قَرِيْنَةً وَ ضَربًا وَ الْهَيْئَةُ الْحَاملِةُ مِن كَيْفَيِّة وَضَع الْحَدِّ الْوَسَط عَنْدَ الْحَدَّيْنِ الْمُعْرَالُ اللهَ الْمُعْرَالُ اللهَ الْمُعَدِّ مَا اللهَ الْمُعَدِّ مَا الْمُعْرَى بِالْكُبْرَ فِي الْمُعْرَ فَي الْمُعْرَالُ اللهَ الْمُعْرَالُ اللهَ الْمُعْرَالُ اللهِ اللهَ الْمُعْرَالُ اللهَ الْمُعَدِّ مَا اللهَ اللهَ الْمُعْرَالُ اللهَ اللهَ الْمُعْرَالُ اللهَيْمُ اللهَ الْمُعْرَالُ اللهِ اللهِ اللهِ الْمُعْرَالُ اللهُ اللهُ اللهَ اللهُ اللهِ اللهُ اللهِ اللهُ ال

الْآخَرَيْنِ يُسَمَّى شَكْلًا وَهُوَ اَرْبُعَةً لِاَنَّ الْأَوْسَطَ إِنْ كَانَ مَحْمُولًا فِي الصَّغْرَى وَمَوْضُوعًا فِي الْكَبْرَى فَهُوَ الشَّكْلُ التَّالِثُ وَلَيْ فَهُوَ الشَّكْلُ التَّالِثُ فِي وَ إِنْ كَانَ مُوضُوعًا فَيْهِمَا فَهُوَ الشَّكْلُ التَّالِثُ وَالسَّكْلُ التَّالِثُ وَإِنْ كَانَ مَوْضُوعًا فَيْهِمَا فَهُوَ السَّكْلُ التَّالِثُ وَالسَّكُلُ التَّالِثُ وَالسَّكُلُ التَّالِثُ وَالسَّكُلُ التَّالِثُ وَالسَّكُلُ التَّالِثُ وَالْعَالَ اللَّهُ وَالسَّكُلُ التَّالِثُ وَالسَّكُلُ التَّالِثُ وَالسَّكُلُ التَّالِثُ وَالسَّكُلُ التَّالِثُ وَالسَّكُلُ التَّالِثُ وَالسَّكُلُ التَّالِثُ وَالسَّكُلُ التَّالِيْنَ وَاللَّهُ وَالسَّكُلُ التَّالِيْنَ وَاللَّهُ وَالسَّكُلُ التَّالِيْنَ وَالْفَالِيْنَ وَاللَّهُ وَالسَّكُلُ التَّالِيْنَ وَاللَّهُ وَاللَّالِقُوالِ وَاللَّهُ وَاللَّهُ وَاللّهُ وَاللْعُولُ اللّهُ وَاللّهُ وَاللّهُ وَاللّهُ وَاللّهُ وَاللّهُ وَاللّ

٧٧ أَمَّا الشَّمْلُ الْآوَّلُ فَشَرْطُهُ اِيْجَابُ الصَّغْرَىٰ وَالْآلَمْ يَنْدَرِجِ الْأَصْغُرُفِي الْآوْسَطِ وَكُلِّيَةُ النَّاتِجَةُ وَ إِلَّا لَاحْتُونُ الْبَعْضُ الْمَحْكُومِ عَيْدُ الْبَعْضِ الْمَحْكُومِ بِهِ عَلَى الْآصْغَرِ وَضُرُوبُهُ النَّاتِجَةُ الْمَعْتُ اَنْ يَكُونُ الْبَعْضُ الْمَحْكُومِ بِهِ عَلَى الْآصْغَرِ وَضُرُوبُهُ النَّاتِجَةُ الْمَعْتُ وَ الْمَعْرَى يُنْتِعُ مُوْجِبَةً كَالِيَّةُ كَتَوْلِنَا كُلُّ جَ بَ وَكُلُّ بِ آ فَكُلُّ جَ ا وَالنَّانِي مِنْ كُلِّيَّتَيْنِ وَالصَّغْرَى مُوجِبَةً وَالْكُبُولُ سَالِيَةً يُنْتِعُ سَالِبَةً كُلِيَّةً كُتُولِنَا كُلُّ جَ بَ وَلاَ شَيْئَ مِن بِ آ فَكُلُّ جَ بَ وَلاَ شَيْئَ مِن بِ آ فَكُلُّ جَ بَ وَلاَ شَيْئَ مِن بِ آ فَكُلُّ جَ بَ وَلاَ شَيْئَ مِن بِ آ اللَّهُ مُوجِبَةً وَالْكُبُولُ سَالِيَةً يُنْتِعُ مُوجِبَةً يُولِنَا كُلُّ جَ بَ وَلاَ شَيْئَ مِن بِ آ فَلَاسَةً مُؤْمِلُ مَ مُوجِبَةً مُؤْمِلُ جَ إِللَّا يَعْضُ جَ اللَّالَةِ مُؤْمِلُ مَنْ مُوجِبَةً مُؤْمِلُ وَسَالِبَةً كُنْتِيمُ مُوجِبَةً مُؤْمِلُ مَنْ مُوجِبَةً مُؤْمِلُ وَسَالِبَةً كُلْلِيَّةً كُنُولِنَا بَعْضُ جَ اللَّالِيَّ مِنْ مُوجِبَةً جُزُلِيَّةً مُغْرَى وَسَالِبَةً كُلِيَّةً كُنْرَى يُنْتُمُ سَالِبَةً جُزُلِيَّةً كُنُولُنَا وَكُلُولُ وَلَا الشَّكُلُ بَيْتَةً بُولُولِنَا كُلُ مَنْ مَنْ مِنْ مَنْ مُوجِبَةً جُزُلِيَّةً مُعْرَى وَسَالِبَةً كُنْرَى يُنْتَعِ مُولِكُ بِلَا مُعْمَى مِنْ مَنْ مِنْ مُوجِبَةً جُزُلِيَّةً مُعْرَى وَسَالِبَةً كُنْرَى يُنْتَعُ مِنْ اللَّالِكُلُلُ بَيْتَهُ مِنْ اللَّعْمِ لَا السَّكُلُ بَيْتِهُ مِنْ مَنْ مِنْ مِنْ مُوجِبَةً عَلْمُ لَا السَّكُلُ بَيْتِهُ مِنْ مُنْ مِنْ مِنْ مَا لَيْقَالِلَالِكُ بَيْتُمُ مِنْ مِنْ مَا اللَّعْلَى اللْمُلْلُ بَيْتِهُ مِنْ مُنْ مِنْ مِنْ مُوجِبَةً لَيْنَا مُعْمَلُ مَا السَّكُلُ بَيْتِهُ مِنْ الْمُعْلِى الْمُعْلِى الْمُعْرَالِ اللْمُعْرَى اللْمُعْرَى الْمُعْرَالِ اللْمُعْرِقُ اللْمُ الْمُؤْمِلِكُولُ اللْمُ لَا السَّعْلِي اللْمُعْمِ اللْمُعْرَالُ مُعْرَالِكُ اللْمُعْرِقُ اللْمُعْرَالِ اللْمُعْرِقِ الْمُعْرَالِ اللْمُعْرِقِ اللْمُلِي اللْمُعْرَالِ اللْمُعْرِقُ اللْمُعْرِقُ اللْمُ اللْمُعْرِقُ اللْمُعْرِقُولُولُ اللْمُعْرِقُ اللْمُعْرِقُولُولُولُولُولُولُول

٧٨ وَامَّا الشَّمُلُ النَّانِي فَشَرْطُهُ اخْتِلُفُ مُقَدِّمِنْيَهُ بِالْكَيْفِ وَكَلِيَّةُ الْكُبْرَى وَإِلَّا يَحْصُلُ الْإِخْتَلَافُ وَهُوْمِبُ لِمِدَمُ الْإِخْتَلَافُ وَهُوْمِبُ الْمَيْفِ الْنَّيْجَةُ تَارَةً وَمَعَ سَلْبِهِا الْخُرْى وَ وَهُرُوبُهُ النَّاتِجَةُ اَيْضًا ارْبَعَةً وَ الْاَبْرَى اللَّهُ الْمُعْرَى مُوجِبَةً يُنتَجُ سَالِبَةً كُلَّيْةً كُقُولِنَا كُلُّ جَ بَ وَلا شَيْقَ السَّغْرَى وَ السَّغْرَى مُوجِبَةً يُنتَجِ سَالِبَةً كُلَيْتَم تَقْيِفُ السَّغْرَى وَ الْمُعْرَى السَّغْرَى السَّغْرَى اللَّهُ وَهُو مَمَّ نَقِيفِ النَّنْفِيجَةِ إلَى السَّغْرَى السَّغْرَى السَّغْرَى السَّغْرَى مَن جَ اللَّهُ اللَّهُ اللَّهُ كُلَيْتَ مِن كَلَيْتَنِي وَ الْكُبْرَى لِيُنتِجَ تَقْيِفُ السَّغْرَى وَ النَّيْوَةِ اللَّهُ كُلَيَّةً كُلْوَى وَ السَّغْرَى وَ الْكُبْرَى لِيُنتِجَ مَقْوِهِ السَّغْرَى وَ الْكُبْرَى لِيُعْتَجِ الْمَالِ الْاَوْلِ وَ النَّانِي مِن كَلَيْتَيْنِ وَ الْكُبْرَى مُوجِبَةً كُنْتِجُ سَالِبَةً كُنْولِنَا لاَشْخُرَى مِنْ جَ وَ وَكُلُّ اللهِ اللهُ اللهُ اللهُ وَاللهِ اللهُ اللهُ اللهُ اللهُ وَلَيْقَالِنَا لاَشْمُى مِنْ جَ وَ وَلَا شَيْعَ مِنْ اللّهُ اللهُ الله

٩ ٧ أمَّا الشَّكُلُ النَّالِثُ فَشَرْطُهُ الْيَجَابُ الصَّغْرَى وَ الرَّا يَحْصُلُ الْأَخْتِلانَ وَكُلِيَّةً إحدَىٰ مُقَدِّ مَتَيْهِ

وَإِلاَّ لَكَانَ الْبَعْضَ الْمُحْدُومُ عَلَيْهِ بِالْاَصْغُوعُ غَيْرِ الْبَعْضِ الْمَحْدُومِ عَلَيْهِ بِالْآكَبْرِ فَلَمْ يَجِبِ التَّعْدِيَةُ وَهُرُوبُهُ النَّاتِجَةُ سِنَّةً وَ الْاَوْلِ مِنْ مُوجِبَتْنِي كَلِيْتَنِي يَنْتَجُ مُوجِبَةً جُزئِيَّةً كَقُولِنَا كُلُّ بَ جَ وَكُلُّ بِ آ فَبَعْضَ جَ آيِالُوهِ إلَى الْآلِقِ بِعَنْسِ السَّغْرَى البِنَّةِ مَنْقِيضَ الْنَبْرَى وَبِالرَّهِ إلَى الْآلِو بِعَنْسِ السَّغْرَى وَ النَّبْرِي سَالِبَةً بُنْتَجُ سَالِبَةً بُرْنِيَّةً كَقُولِنَا كُلُّ جَ بَ وَلَا شَيْعَى مِن كَلِيَّتَهُ يَكُولُوا اللَّهُ مُولِيَّةً كَثُولِنَا كُلُّ جَ بَ وَلَا شَيْعَ مِن مُوجِبَقَيْنِ وَالْكَبْرَى اللَّهُ لَكُولُ اللَّهُ عَلَى السَّغْرَى وَ النَّالِمِ مَنْ مَوْجِبَقَيْنِ وَالْكَبْرَى كُلِيَّةً يُنْتُعِ اللَّهُ عَلَى اللَّهُ اللَّهُ اللَّهُ وَالْكَبْرَى اللَّهُ اللَّلَا الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ

٨٠ وَ اَمَّا الشَّمٰلُ الرَّابِعُ فَشَرْطُهُ بِحَسُبِ الْكَوْيَةِ وَ الْكَيْفِيَّةِ الْبَجَابُ الْمُقَدِّمِتَيْنِ مَعَ كُلِيَّةِ الْحَدَائِمَةِ الْكَفْوَ فَ الْكَوْمِ الْمُوْحِبُ لِعِدَمِ الْإِنْتَاجِ وَ وَضُرُوبُهُ النَّاتِجَةُ وَالْمَا وَ الَّا يَحْصُلُ الْإِخْتَلَانِمِ الْمُوْحِبُ لِعِدَمِ الْإِنْتَاجِ وَ وَضُرُوبُهُ النَّاتِجَةُ وَالْمَائِمِ وَ وَمُرُوبُهُ النَّاتِجَةُ وَ النَّابِي مَوْجِبَةَ كُونُولِنَا كُلُّ بَ جَ وَكُلُّ آ بَ فَهُعُضُ جَ آ لِعِكْسِ النَّيْجُةِ وَ النَّابِي مِن مُوجِبَتَيْنِ وَ النَّبُوعِ جُونِيَّةُ يُنْتِجُ مُوجِبَةً جُونُيَّةً كَقُولِنَا كُلُّ بَ جَ وَكُلُّ آ بَ فَلَا شَيْعَ مِن جَ آلِيَالِي مِن مُوجِبَتَيْنِ وَ النَّهُوعِ اللَّهُ مُرْعِبَةً كُنْوَلِنَا كُلُّ بَ جَ وَكُلُّ آ بَ فَلَا شَيْعَ مِن جَ آلِيَالُوعُ مِن كُلِيَّتَيْنِ وَالصَّغُوعِ سَالِبَةً يُنْتِجُ سَالِبَةً كُنَوْلِنَا لَا شَيْعَ مِن جَ آلِيامُرُ وَ النَّعْوَى اللَّهُ وَالصَّغُوعِ مَوْجِبَةً يُنْتِجُ سَالِبَةً جُزْئِيَّةً وَالْمَالُونَ الْمُقْدَى مِن جَ آلِيالُمُو اللَّالِمُ مِن كُلِيَّتَيْنِ وَ الصَّغُوعِ مُو اللَّهُ وَلَيْ اللَّهُ مُولِيَّةً وَالْمَالِقَ اللَّهُ مِنْ اللَّهُ وَاللَّهُ مُولِيَّةً وَاللَّهُ اللَّهُ مَنْ عَلَى وَ اللَّهُ اللَّهُ مُؤْمِى وَ اللَّهُ اللَّهُ اللَّهُ مُؤْمِى وَ اللَّهُ مُؤْمِى وَ مُوجِبَةً كُلُولُونَا وَمُوجِبَةً كُلُولُونَا وَمُوجِبَةً كُلُولُنَا عَمْلُ مَوْ وَمُوجِبَةً كُلُولُهُ اللَّهُ اللَّهُ مُؤْمِى وَمُؤْمِلُونَ وَمُوجِبَةً كُلُولُهُ وَمُوجِبَةً كُلُولُونَا لِنَامُ اللَّهُ وَلَيْلًا عَلَى اللَّهُ اللَّهُ وَاللَّهُ اللَّهُ الْمُؤْمِى وَمُوجِبَةً كُلُولُونَا لِنَا مُورًا اللَّهُ وَاللَّهُ اللَّهُ ا

بَعْضُ بَ لَيْسَ جَ وَكُلُّ ا بَ فَبِعْضُ جَ لَيْسَ ا بِعِنْسِ الصَّعْرَى لِيَرْتَدُّ إِلَى التَّانِيُ وَ السَّابِعُ مِنَ مُوجِبَةِ كُلِيَّةٍ مُعْرَى وَ سَالِبَةً جُزئيَّةً كَثَوْلِنَا كُلُّ بَ جَ وَبِعْضُ الْبَيْقِ مُعْرَى وَ سَالِبَةً جُزئيَّةً كَثَوْلِنَا لَا يَعْنَى لَيَرْتَدُّ إِلَى التَّالِي وَ التَّامِي مِنْ سَالِبَةً كَلَيْةً مُغْرَى وَمُوجِبَةً جُزئيَّةً كَبُرَى لِيَرْتَدُّ إِلَى التَّالِي وَ التَّامِي مِنْ سَالِبَةً كَلَيْةً مُغْرَى لِيَرْتَدُّ إِلَى التَّالِي وَ التَّامِي مِنْ سَالِبَةً كَثَوْلِنَا لَا شَيْعَ مِنَ بَ جَ وَبَعْضُ اللَّهَ مَنْ عَلَى التَّالِي الْمَعْرَى مِنْ اللَّهُ اللَّهُ مَعْمَى مَن بَعْ وَ بَعْضُ اللَّهُ الللللِّلَةُ اللَّهُ اللَّهُ اللللِّهُ الللللَّهُ ا

ٱلْفَصْلُ الثَّانِي فِي الْمُحْتَالِطَاتِ

١٨ اَمَّ الشَّمْلُ الأوَّلُ فَشَرْطُهُ بِحَسَبِ الْجِهَةِ فِعْلِيَّةُ الصَّغْرَى وَ النَّلِيْجَةَ فِيه كَالْكُبْرَى إِنْكَانَتْ غَيْرَ النَّايِّةِ وَلَا الشَّمْلُ الأَوْلُ فَشَرُورَةٌ وَلَا فَكَا الصَّغْرَى مَحْدُونًا عَنْهَا قَيْدُ اللَّا ضَرُورَةٍ وَاللَّادَوَامِ وَ الضَّرُورَةُ الْمُخْصُومَةُ إِلَا شَيْرَى وَلِيَا اللَّهَ عَلَى اللَّهَ الْكَانَتِ الْحَدَى الْخَامَّتَيْنَ .

٨٨ وَ أَمَّا الشَّكُلُ الثَّانِي فَشَرُطُهُ بِحَسَبِ الْجِهَ إِمَرَانِ آحَدُهُمَا مِدَى النَّوَامِ عَلَى الصَّغْرَى اَوْ كَوْنُ النَّرَبِي وَ الثَّانِي الْمُعْلَقَةِ الْمُورَقِيَّةِ الْمُطْلَقَةِ الْمُعْلَقَةِ الْمُعْلَقِينِ وَ النَّتِيْجَةُ دَائِمَةً إِنْ مَدَى الدَّوَامُ عَلَى اِحْدَى مُقَدِّمَتَيْهِ وَ إِلَّا فَكَالصَّغْرَى الْمُعْلَقِةُ اللَّهُ وَاللَّهُ فَاللَّهُ عَلَى الْمُعْلَقِةِ اللَّهُ اللَّهُ وَاللَّهُ فَاللَّهُ وَاللَّهُ اللَّهُ وَاللَّهُ وَلَا لَا لَلْا فَاللَّهُ وَلَا اللَّهُ وَاللَّهُ وَلَا اللَّهُ وَاللَّهُ وَاللْمُوالِقُولُولُولُولُولُولُولُولُ

٨٣ وَ ا مَّا الشَّكُلُ الثَّالِثُ فَشَرْطُهُ فِعْلِيَّةُ الصَّغْرَى وَالنَّنْفِجَةُ كَالْكُبْرَى الْكَانَتِ النَّبْرَى عَيْرَ الْأَنْعِ وَالِّا فَكَعَكْسِ الصَّغْرَى مَحْدُونًا عَنْهُ اللَّدَوَامُ إِنْكَانَتِ الْكَبْرَى الْحَدَى الْعَامِنَّيْنِ وَمَضْمُومًا اللَّهِ إِنْكَانَتُ اِحْدَى الْخَاصَّتَيْنِ •

١٨ وَ أَمَّا الشَّمْلُ الرَّابِعُ فَشَرُطُ إِنْنَاجِهِ بَحَسَبِ الْجِهَةِ أَمُورُ خَمْسَةً • الأرَّلُ كُونُ القِياسِ فيه مِنَ

الفيغليّاتِ وَ النَّانِي إِنْعِكَاسُ السَّالِيَةِ الْمُسْتَغَمَلَةِ فِيهِ وَ النَّالِثِ صِدْقُ الدَّوَامِ عَلَى مُغْرَى الضَّرْبِ الثَّالِثِ الْعَامِسُ كَوْنُ الْكَبْرِى فِي السَّادِسِ مِنَ الْمُنْعَكِسَةِ السَّوالِبِ وَ الْخَامِسُ كَوْنُ الْكَبْرِى فِي السَّادِسِ مِنَ الْمُنْعَكِسَةِ السَّوالِبِ وَ النَّهَجَةُ فِي الضَّرْبِيْنِ الصَّغَرَى فِي النَّامِنِ إِحْدَى الْخَامَّتَيْنِ وَالْكَبْرَى مِمَّا يُصَدّقُ عَلَيْهَا الْعُرْفِي الْعَامِّ وَ وَ النَّهَجَةُ فِي الضَّرْبِيْنِ الشَّغْرَى الشَّغْرَى الشَّغْرَى السَّتِ الْمُنْعَكِسَةِ السَّوْالِبِ وَ النَّافَةُ أَنِي الشَّالِفِ مَدَقَ الدَّوَامُ عَلَيْهَا أَوْ كَانَ الْقِياسُ مِنَ السّبِ الْمُنْعَكِسَةِ السَّوْالِبِ وَ النَّالِي عَمْشَ الصَّغَرَى وَ اللَّهُ وَعَى السَّادِسِ مَا السَّغُولِ الثَّالِفِ وَالنَّهُ أَنْ وَ فِي الرَّابِعِ عَلَى الشَّغْرَى وَ اللَّهُ وَعَى السَّادِسِ كَمَا وَ اللَّهُ وَعَى السَّادِسِ كَمَا وَ السَّادِسِ كَمَا وَى السَّادِسِ كَمَا وَى الشَّامِ وَ السَّادِسِ كَمَا فِي الشَّعْرِي الثَّالِثِ بَعْدَ عَمْسِ الشَّغْرَى وَ فِي السَّادِسِ كَمَا فِي الشَّعْلِ الثَّالِثِ بَعْدَ عَمْسِ النَّمْرَى وَ فِي السَّادِسِ كَمَا فِي الشَّعْلِ الثَّالِثِ بَعْدَ عَمْسِ النَّمْرَى وَ فِي السَّادِسِ كَمَا فِي الشَّعْلِ الثَّالِثِ بَعْدَ عَمْسِ النَّمْرَى وَ فِي السَّادِسِ كَمَا فِي الشَّعْلِ الثَّالِثِ بَعْدَ عَمْسِ الْمُبْرَى وَ فِي السَّادِسِ كَمَا فِي الشَّعْلِ الثَّالِثِ بَعْدَ عَمْسِ الْمُبْرَى وَ فِي السَّادِسِ كَمَا فِي الشَّعْلِ الثَّالِثِ بَعْدَ عَمْسِ الْمُبْرَى وَ فِي السَّادِسِ وَعَمْ السَّادِسِ بَعْدَ عَمْسِ النَّهُولِ التَّامِي بَعْدَ عَمْسِ النَّهُولِ الْمَامِي وَعَمْ السَّعْرِي وَ السَّادِسِ وَالْمَامِ وَالْمَالِي السَّامِ السَّيْقِ السَّامِ السَّامِ وَ السَّامِ السَّامِ الْمَامِ السَّامِ السَّامِ

ٱلْفَصْلُ النَّالِثُ فِي الْإِقْتِرَانِيَّاتِ الْكَائِنَةِ مِنَ الشَّرْطِيَّاتِ

وَهِيَ خَمْسَةُ ٱقْسَامِ

٥ ٨ الْقِسْمُ الْأُولُ مَا يَتْرَكِّبُ مِنَ الْمُتَّصِلاَتِ وَالْمَطْبُوعُ مِنْهُ مَا كَانَتِ الشِّرْكَةُ فِي جُزْءُ تَا مِّ مِنَ الْمُقَدِّمَتَيْنِ وَتَنْعَقِدُ الْأَشْكَالُ الْأَرْبَعَةُ فِيْهِ لِاَنَّهُ إِنْ كَانَ تَالِينًا فِي الصَّغْرَى مُقَدَّمًا فِي السَّكُلُ الثَّالِي مُقَدَّمًا فِي الشَّكُلُ الثَّالِي مُقَدَّمًا فِي الصَّغَرَى الشَّكُلُ الثَّالِي مُقَدَّمًا فِي النَّسَيْمَةِ فِي الْكَبِي وَلَيْكُولُ الشَّكُلُ اللَّالِي وَعَدَدُ الشَّكُلُ الثَّالِي مُقَدَّمًا وَيَ الْكَبِي الْكَبْرَى مُقَدَّمًا وَيَعْلَى اللَّالِي وَعَدَدُ الضَّرُوبِ وَالنَّلَيْجَةِ فِي الْكَبِيَّةِ فِي الْكَبِي الْكَبْرَى اللَّهُ وَلَا اللَّهُ وَلَيْ مُثَالًا الضَّرَبِ الْأُولِ كُلِّمَا كَانَ اللَّهُ وَلَا اللَّهُ وَلَيْ مُثَالًا الضَّرَبِ الْأُولِ كُلِما كَانَ اللَّهُ وَلَا اللَّهُ وَلَا اللَّهُ وَلَا اللَّهُ وَلَيْ مُثَالًا الضَّرَبِ الْأُولِ كُلِما كَانَ اللَّهُ وَلَيْ اللَّهُ وَلَا لَيْكُولُ مُنْ اللَّهُ وَلَا لَا اللَّهُ وَلَا لَالْتُولُ وَلَا لَكُولُولِ كُلُمَا كَانَ اللَّهُ وَلَا لَاللَّهُ وَلَا لَاللَّهُ وَلَا لَا اللَّهُ وَلَا لَاللَّهُ وَلَا لَا اللَّهُ وَلَا لَاللَّالِي اللَّهُ وَلَى اللَّهُ وَلَا لَا اللَّهُ وَلَا اللَّهُ وَلَا لَاللَّهُ وَلَا لَاللَّهُ وَلَا لَاللَّهُ وَلَا لَاللَّهُ وَلَا لَاللَّهُ وَلَالِكُولُ وَلَالِكُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّلُولُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الللللَّهُ اللَّهُ اللَّهُ الللَّهُ الللللَّهُ اللَّهُ الللَّهُ الللَّهُ اللللَّهُ اللَّهُ اللل

١٨ اَ لَقِهُمُ التَّانِي مَا يُتَرَّكُبُ مِنَ الْمُنْفَصِلاَتِ وَ الْمُطْبُوعُ مِنْهُ مَا كَانَتِ الشِّرْكَةُ فِي جُزْءِ غَيْرِ تَامِ مِنَ الْمُقَدِّمَتَيْنِ كَقَوْلِنَا وَ الْمُنَا إِمَّا كُلُّ اللَّهِ الْوَكُلُّ جَ وَ إِمَّا كُلُّ وَ لَا اَوْكُلُّ وَ زَيْنَتُهُ إِمَّا كُلُّ اللَّهِ الْأَلْفَالُ الْأَرْبَعَةُ وَ الشَّرَائِطُ المُعْتَبَرَةُ بَيْنَ الْحُمْلِيَّتِيْنِ مُعْتَبَرَةً هُهُنَا بَيْنَ الْمُنْشَارِكَيْنِ وَ مَنْ الْمُنْشَارِكَيْنِ وَ الشَّرَائِطُ المُعْتَبَرَةُ بَيْنَ الْحُمْلِيَّتِيْنِ مُعْتَبَرَةً هُهُنَا بَيْنَ الْمُنْشَارِكَيْنِ وَ الشَّرَائِطُ الْمُعْتَبَرَةُ بَيْنَ الْحُمْلِيَّتِيْنِ مُعْتَبَرَةً هُهُنَا بَيْنَ الْمُنْشَارِكَيْنِ وَ

٨٨ القِهُمُ النَّالِينُ مَا يَتْرَكُّبُ مِنَ الْحَمْلِيَّةِ وَالْمُتَّصِلَةِ وَالْمُطْبُوعُ مِنْهُ مَا كَانَتِ الْحَمْلِيَّةُ كُيْرَى

وَ الشَّوْكَةُ مَعَ تَالِى الْمُتَّصِلَةِ وَ نَبَيْجَتُهُ مُتَّصِلَةً مُقَدَّمُهَا مُقَدَّمُ الْمُتَّصِلَةِ وَ تَالِيهَا نَبَيْجَةُ التَّالِيفِ بَيْنَ التَّالِي وَالْحَمْلِيَّةِ كَقُولِنَا كُلْمَا كَانَ آبَ فَهِ دَوْ كُلُّ دَ * يُنتْجُ كُلْمَا كَانَ آبَ فَكُلُّ جَ * • وَ تُنْعَقِدُ فِيْهِ الْاشْكَالُ الْأَرْبَعَةُ وَالشَّرَائِطُ الْمُعْتَبَرَةُ بَيْنَ الْحَمْلِيَّتَيْنِ مُعْتَبَرَةً هُهُنَا بَيْنَ التَّالِي وَ الْحَمْلَيَّةِ •

٨٨ اَنْفِسُمُ الرَّابِعُ مَا يَتَرَكَّبُ مِنَ الْحَمْلِيَّةِ وَ الْمُنْفُصِلَةِ وَهُوَ عَلَى تِسْمَيْنِ • الْأَلُو اَنْ يَكُونَ عَدَدُ الْحَمْلِيَّاتِ بِعَدَ دِ الْإِنْفِصَالِ يُشَارِكُ كُلُّو اِحِدِ مِنْهَا وَاحِدًا مِنْ اَجْزَاءِ الْإِنْفِصَالِ إِمَّا مَعَ الْتَجْفِقِ فِي النَّلْيَجْةِ كَفُولُنِا كُلُّ جَ إِمَّا بَ وَإِمَّا دَ وَ إِمَّا لَا وَكُلُّ بَ طَ وَكُلُّ لَا طَ وَكُلُّ لَا طَ وَكُلُّ لَا طَ وَكُلُّ لَا طَ يَنْتَبِعُ كُلُّ جَ لَا لِيَسْتَبِعَ كُلُّ جَ لَا لِيَسْتَبِعَ كُلُّ جَ لَا لِيَسْتَبِعَ كُلُّ جَ لَا لِيَسْتَبِعَ كُلُّ جَ إِمَّا فَ وَ إِمَّا لَا وَكُلُّ بَ طَ وَكُلُّ لَا طَ وَكُلُّ لَا طَ وَكُلُّ لَا اللَّالِيْفِ فِي النَّيْجَةِ كَقُولِنَا كُلُّ جَ إِمَّا مَعَ مَا يُشَارِكُهُ مِنَ الْحَمْلِيَّةِ وَإِمَّا مَعَ اخْتِلَافِ التَّالِيْفِ فِي النَّيْجَةِ كَقُولِنَا كُلُّ جَ إِمَّا جَ وَإِمَّا فَ وَإِمَّا فَ وَإِمَّا فَوَالِمَا كُلُّ فَا وَكُلُّ لَا يَعْتَلِيْ النَّالِيْفِ وَلَا مَا حَلَى اللَّالِيْفِ وَالْمَالَ وَلَكُونَ الْخَمْلِيَّةُ وَالْمَا وَلَكُنُّ وَ الْمُشَارِكُ وَالْمُ مَا يَشَارِكُهُ مِنَ الْجَمْلِيَّةُ وَالْمَالِقُ وَلَى اللَّالِيْفِ وَعَن الْجَرَاءِ الْأَنْفِيلُونَ وَالْمُشَارِكَةُ مَعَ احْدِهِ هِمَا كَقُولُونَا إِمَّا كُلُ اللَّولُونَ الْجُولُونَ الْمُعَلِقَ الْمَالِقُ وَ مَن الْجُزَءِ الْاَنْفِيلُ وَالْمُالِقُ وَالْمَالِقُ عَنْ مُقَدَّلًا إِمَّا كُلُ اللَّالَيْفِ وَعَن الْجُزَءِ الْفَيْرِ الْمُشَارِكِ •

و ٨ القِسْمُ النَّاسِ مَا يَتَرَكَّبُ مِنَ المُتَّصِلَةِ وَ الْمُنْقَصِلَةِ وَ الْإِشْتِرَاكُ إِمَّا فِي جُزُءُ تَامِّ مِن المُتَقَدِّ مَتَيْنِ اوْغَيْرِ تَامِّ مِنْهُمَا وَكَيْفَ مَا كَانَ فَالْمَطْبُوعُ مُنِهُ مَا تُكُونُ الْمُتَّصِلَةُ مُغْرَى وَالْمُنْفَصِلَةُ مُن الْمُقَدِّ مِنْهُمَا الْأَرْمِ وَ الْمُنْفَصِلَةُ كَبُرَي مِنَا لُ الْأَرْمِ وَ الْمُنا اللَّهُ مُن الْمُنا اللَّهُ وَ الْمُنا اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ

ٱلْفَصْلُ الرَّابِعُ فِي الْقِيَاسِ الْإِسْتِثْنَا بُي

٩ وَ هُوَ مُرَكَّبُ مِن مُقَدِّمَتَيْنِ إِحْدَالْهُمَا شَرْطِيَّةً وَ الْاَخْرَى وَفَعً لِإَحْدِ جُزْنُيْهَا اَوْ رُفْعُهُ لِيَلْزَمَ
 وَشْعُ الْآخَرِ اَوْ رُفْعُهُ وَ يَجِبُ الْبَجَابُ الشَّرْطِيَّاتِ وَ لِرُوْمِيَّةُ الْمُنْصَلِةِ وَ كُلِيَّتُهَا اَوْ كُلِّيَّةُ الْوَضْعِ أَوِ الْرَفْعِ

إِنْ لَمْ يَكُنْ وَفُتُ الْآِتِصَالِ وَ الْإِنْفِصَالِ هُو بِعَيْنِهِ وَثَتَ الْوَضْعِ وَ الرَّفْعِ وَ الشَّرْطِيَّةُ الْمَوْضُوعَةُ فِيهِ إِنْ كَانَتَ مُتَّصِلَةً فَاسْتِثْنَاءُ عَيْنِ الْمُقَدَّمِ يُنْتِجُ عَيْنِ النَّالِيْ وَ الْسَتِثْنَاءُ نَقَيْضِ النَّالِيْ يُنْتِجُ نَقِيْضَ الْمُقَدَّمِ وَ إِنْ كَانَتُ مُنْفَصِلَةً فَانِ كَانَتُ حَقَيْقَيَّةٌ فَاسْتِثْنَاءُ عَيْنِ الْحَيْمَالِ كَوْنِ التَّالِيْ اَعَمَّ مِنَ الْمُقَدَّمِ وَ إِنْ كَانَتُ مُنْفَصِلَةً فَانِ كَانَتُ حَقَيْقَيَّةً فَاسْتِثْنَاءُ عَيْنِ الْحَيْمِ لِاسْتِحَالَةِ الْجُمْعِ وَ إِنْ كَانَتُ مَانِعَةً الْجُمْعِ يُنْتِجُ وَ السَّرْثَنَاءُ نَقَيْضِ الْحَيْرِ لِاسْتِحَالَةِ الْجُلُو وَ إِنْ كَانَتُ مَانِعَةَ الْجُمْعِ يُنْتِجُ وَ الشَّالِيْ فَقَطْ لِامْتَنَاعِ الْإِجْتِمَاعِ وَوْنَ الْخُلُو وَ إِنْ كَانَتُ مَانِعَةَ الْجُلُو وَ إِنْ كَانَتُ مَانِعَةَ الْجُلُو وَ إِنْ كَانَتُ مَانِعَةَ الْجُلُو وَ إِنْ كَانَتُ مَانِعَةَ الْجُمْعِ يُنْتِجُ الْقِشْمَ التَّانِي فَقَطْ لِامْتِينَاعِ الْإِجْتِمَاعِ وُوْنَ الْخُلُو وَ إِنْ كَانَتُ مَانِعَةَ الْجُلُو وَ إِنْ كَانَتُ مَانِعَةً الْجُلُو وَ إِنْ كَانَتُ مَانِعَةَ الْجُلُو يُقَامِ الْتَانِي فَقَطُ لِامْتِينَاعِ الْإَجْتِمَاعِ وَوْنَ الْجُلُو وَ إِنْ كَانَتُ مَانِعَةَ الْجُلُو وَ إِنْ كَانَتُ مَانِعَةُ الْجُلُو وَ إِنْ كَانَتُ مَانِعَةً الْجُلُو وَ إِنْ كَانَتُ مَانِعَةً الْجُلُو وَ إِنْ كَانَتُ مَانِعَةً الْجُلُو وَإِنْ كَانَتُ مَانِعَةً الْجُلُودُ وَلَا الْجَامِعِ وَالْمُ الْفُكُونِ وَ إِنْ كَانَتُ مَانِعَةً الْجُلُودُ وَلَ الْجَمْعِ وَالْمُ لَالْتَثُونَ وَالْمُ لَاسُونَا مِ الْجُلُودُ وَلَ الْجَمْعِ فَيَعْلُولُ وَلَا لَا لَا الْمُعْتَى الْمُعْلَامِ الْمُنْتِعَ الْمُعْتَامِ الْجُلُودُ وَلَى الْجَمْعِ فَالْمُ لَالْتَلُولُ وَلَالِ الْمُعْتَى الْمُعْلَامِ الْمُنْتُلُولُ وَلَا الْمُؤْمِلُونَا الْمُؤْولُ وَالْمُولُولُ الْمُعَلِّقِ الْمُعْتَلِقِ الْمُعْلَقِيْمِ الْمُعْلِقِيْمُ الْمُعْتَقِلَامُ الْمُعْلَقِيلُولُ الْمُعْتَالِقُولُ الْمُولُولُ الْمُعْتِقُولُ الْمُعْلِقِ الْمُعْلِقُولُ الْمُعْلِقُولُ الْمُعْتَالِقُولُولُ الْمُؤْلِقُولُولُ الْمُعْلَالُولُ مُعْلِقُولُ الْمُولِقُولُ الْمُعْلِقُولُ الْمُعْلِقُولُ الْمُعَلِّذ

ٱلْفَصْلُ الْخَامِسُ فِي لَوَاحِقِ الْقِيَاسِ وَهِي ٱرْبَعَةُ

٩٥ اَلَّا الْقِيَاسُ الْمُرَكِّبُ وَهُوَ مَا يُتَرَكِّبُ مِنْ مُقَدِّمَاتِ يُنْتِجُ بَعْضُهَا نَتَيْجَةً يُلْزَمُ مِنْهَا وُ مِنْ مُقَدِّمَة الْخَرَى نَتِيْجَةً الْخَرَى وَهُلَمَّ جَرًّا إلَى انَ يَحْصِلَ الْمَطْلُوبُ وَهُوَ إِمَّا مَوْصُولُ النَّتَائِجِ مُقَوْلِنَا كُلُّ جَ وَ وَكُلُّ دَ آ فَكُلُّ جَ آ ثُمَّ كُلُّ جَ آ وَكُلُّ لَا الْعَلَيْ فَيَلُ جَ آ وَكُلُّ بَ وَكُلُّ دَ آ فَكُلُّ جَ وَ أَكُلُّ جَ وَ وَكُلُّ دَ آ فَكُلُّ جَ وَ أَكُلُّ جَ وَكُلُّ دَ آ فَكُلُّ جَ وَ أَكُلُّ جَ وَكُلُّ دَ آ وَكُلُّ اللَّهُ عَلَيْ جَ آ وَكُلُّ اللَّهُ عَلَيْ عَلَيْ اللَّهُ عَلَيْ عَلَيْ اللَّهُ عَلَيْ عَلَيْ اللَّهُ اللَّهُ عَلَيْ اللَّهُ اللَّهُ عَلَيْ اللَّهُ اللَّهُ عَلَيْ اللَّهُ ا

٣ اَنَّالِتُ الْإِسْتِقْرَاءُ وَهُوَ الْحُكُمُ عَلَى كُلِّتِي لُوجُودِهِ فِيْ اَكْثَرِ جُزُنِيَّاتِهِ كَقَوْلِنَا كُلُّ حَيَوَانِ يُحَرِّكُ فَكُهُ الْأَسْفَلَ عِنْدَ الْمُضْغِ لِآنَّ الْإِنْسَانَ وَ الْبُهَائِمَ وَ السِّبَاعَ كَذَٰلِكَ وَهُوَلاَيُفِيْدُ الْيُقَيْنُ لِاحْتِمَالِ آنَ لاَ يُكُونَ الْنُسْفَلَ عِنْدَ الْمُضَغِ لِآنَّ الْإِنْسَانَ وَ الْبُهَائِمَ وَ السِّبَاعَ كَذَٰلِكَ وَهُولاَيُفِيْدُ الْيُقَيْنُ لِاحْتِمَالِ آنَ لاَ يُكُونَ الْنُسْفَلَ عِنْدَ الْمُثَابَةِ كَالتِّمْسَاحِ .

٩٥ اَلرَّابِعُ التَّمَثَيْلُ وَهُوَ اِثْبَاتُ كَهُم فِي جُزِئِي لِوُجُودِهِ فِي جُزْئِيْ آخَرَ لِمَعْنَى مُشْتَرِكِ بَيْنَهُمَا كَقُولِهِمِ الْعَالَمُ مُؤَلِّفُ فَهُوَ حَادِثُ كَالْبَيْتِ وَ اَثْبَتُواْ عِلَيَّةَ الْمُعْنَى الْمُشْتَرِكِ بِالدَّوْرَانِ وَبِالتَّقْسِيْمِ الْغَيْرِ الْعَالَمُ مُؤَلِّفُ فَهُو حَادِثُ كَالْبَيْتِ وَ اَثْبَتُواْ عِلَيَّةَ الْمُعْنَى الْمُشْتَرِكِ بِالدَّوْرَانِ وَبِالتَّقْسِيْمِ الْغَيْرِ الْمُرَدَّدِهِ بَيْنَ النَّقْيِ وَالْإِثْبَاتِ كَقُولِهِمْ عِلَّةُ الْحُدُوثِ إِمَّا التَّالِيْفُ اَوْكَذَا أَوْكَذَا أَوْكَذَا وَالْإِثْبَاتِ بَاطِلاًانِ بَاطِلاًانِ بَاطِلاًانِ بَالْمِلاَنِ بَاطِلاًانِ بَاللَّهُ وَلَا لِمُعْمَدُولُ مَدَارً لِللَّهُ وَلَا لَكُولُومُ مَدَارً

مَعَ أَنَّهَا لَيْسَتَ بِعِلَّةً وَأَمَّا التَّقْسِيمُ فَالْعَصْرُ مَمْنُوعٌ لِجَوَازِ عِلِيَّةٍ غَيْرِ الْمَذْكُورِ وَبِتَقْدِيْرِ تَسْلِيمٍ عِلَيَّةً الْمُقْيْسِ عَلَيْهِ شَرْطًا الْمُقْيْسِ عَلَيْهِ شَرْطًا الْمُقَيْسِ مَا نِعَةً عَنْهَا • للْعَلِيَّةِ أَوْ خُصُومِيَّةُ الْمُقَيْسِ مَا نِعَةً عَنْهَا •

وَأَمَّا الْخَاتِمَةُ فَنْهِيْهَا بَحْثَانِ الْعَثْانِ الْأَقْيَسَةِ الْأَقْيَسَةِ

٩ وَ أَمَّا غُيْرُ الْيُقَيْنَيَّاتِ فَسِتُ مَشْهُوْرَاتُ وَهِي قَضَايا يُحْكُمُ بِهَا لِاعْتَرَافِ جَمِيْعِ النَّاسِ بِهَا لِمَصْلَحَةً مَا هُوْ وَ وَ أَمَّا غُيْرُ الْيُقَيْنَيَّاتِ فَسِتُ مَشْهُوْرَاتُ وَهِي قَضَايا يُحْكُمُ بِهَا لِاعْتَرَافِ جَمِيْعِ النَّاسِ بِهَا لِمَصْلَحَة مَا هُوَ وَ أَنْ اللَّا اللَّهُ اللَّهُ عَلَيْ اللَّهُ اللَّهُ عَلَيْ اللَّهُ اللَّهُ عَلَيْ فَلِهُ لَمْ يَحْكُمُ بِهَا بَخِلَافِ الْأَوْلَيَّاتِ كَقُولَنِا الظَّلَمُ تَبَيْمٍ وَ الْعَمْلُ لَوَ الْعَمْلُ مَعْ وَلَا اللَّهُ اللَّهُ اللَّهُ عَلَيْ وَ الْعَمْلُ مَعْمُودَةً وَمِنْ هَذِهِ مَا يُكُونُ صَادِقًا وَ مَا يَكُونُ كَا ذِبًا حَسَلُ وَ كَشَفُ الغَوْرَةِ مَذْمُومٌ وَ مُرا عَالَا الضَّعَفاءِ مَحْمُودَةً وَمِنْ هَذِهِ مَا يُكُونُ صَادِقًا وَ مَا يَكُونُ كَا ذِبًا

وَ لِكُلِّ قَوْمٍ مَشْهُورَاتُ وَ لِأَهْلِ كُلُّ صَنَاعَةً بِحَسَمِهَا وَ مُسَلَّمَاتُ وَ هِي تَصَايَا تَسَلَّمُ مِنَ الْخَصْمِ فَيُبْنَى عَلَيْهَا الْفَوْمِ وَلَقِيَاسُ الْمُؤْلِفُ مِن هُذَيْنِ يُسَمَّى جُدَلاً وَالْفَرْضُ مِنْهُ اِلْفَاعُةِ وَالْقِيَاسُ الْمُؤْلِفُ مِن هُذَيْنِ يُسَمَّى جُدلاً وَالْفَرْضُ مِنْهُ اِلْفَاعُ الْفَوْمِ وَ مُقْبُولاتُ وَهِي قَصَايَا تُوْخُذُ مِمَّ يُعْتَقَدُ اللهِ إِمَّا لِمَثَلَّ الْفَوْمِ وَيَ وَ لَوْالُوا الْفَوْمِ وَ الْفَيْلُولُ وَهِي قَصَايَا تُوخُذُ مِمْ يَعْتَقَدُ اللهِ إِمَّا اللهُ وَالْمُؤْلِقُ وَهِي قَصَايا يُحْمَمُ اللهِ وَاللّهُ وَاللّهُ وَاللّهُ وَاللّهُ وَهِي قَصَايا يُحْمَمُ اللّهُ وَهُولِكُ وَهُمْ اللّهُ وَاللّهُ وَاللللّهُ وَاللّهُ وَاللللّهُ وَاللّهُ وَاللّهُ وَاللّهُ وَاللّهُ وَاللّهُ وَاللّهُ وَاللّهُ وَاللّهُ وَاللّهُ وَال

٩٧ وَ الْمُعَالَطُةُ فِيَاسُ تَفْسُدُ مُورَتُهُ بِانَ لاَيُكُونَ عَلَى هَيْدُةً مُعْتَجَةً لِا خِتِلاً شَوْطَ مُعْتَبُر بِحَسَبِ الْمَنْلَقِةِ اَوِ الْمَيْفَيَّةِ اَوِ الْمَيْفَيَّةِ اَوِ الْمَيْفَيَّةِ اَوِ الْمَيْفَيَّةِ اَوِ الْمَيْفَيَّةِ اَوِ الْمَيْفَةِ اَوِ الْجَهَةِ اَوْمَا دُّنَةُ بَانَ يَكُونَ بَعْضُ الْمُقَدِّمَةِ وَ الْمَطْلُوبِ شَيْعًا وَ الْمَالُوبِ شَيْعًا بالصَّادِقَة مِنْ مُتَوَادِ فَةً كَقُولِنَا كُلُّ اِنْسَانٍ بَشَرُ وَ كُلُّ بَشَرِ ضَحًّاكُ فَعَلَ الْمَالُوبِ شَيْعًا بالصَّادِقَة مِنْ جَهَةِ اللَّهُ وَكُلُّ بَشَرِ ضَحًّاكُ الْمَانِ ضَحَّاكُ اوْكَانُ وَكُلُّ فَرَسِ مَهَالُ يُنتَجُ انَّ جَهَةِ اللَّهُ فَكُلُ الْمَانِ وَ عَلَى الْحَالُطِ هَذَا فَرَسُ وَ كُلُّ فَرَسِ مَهًا لَهُ يَتَجَهُ الْمُونِوقِ فِي الْمُوجِيَةِ كَقُولِنَا كُلُّ انسَانٍ وَمُولِنَا كُلُّ انسَانٍ وَمُولِ الْمُوجِيَةِ كَقُولِنَا كُلُّ انسَانٍ وَمُولِ الْمُعْلَى عَدَى الْمُوجِيَةِ مَقَامَ وَمُولِ الْمُعْلَى وَكُلُّ الْمَانِ وَكُلُّ الْمَسَانِ وَكُلُّ الْمَسَانِ وَمُولِ الْمُعْلَى وَمُولِ الْمُعْلَى وَكُلُّ الْمَسَانِ وَكُلُّ الْمَانِ وَكُلُّ الْمَانِ وَكُلُّ الْمَانِ وَمُولِ الْمُؤْمِقِ فَلَامَ وَمُولَ الْمُعْلَى وَمُولِ الْمُعْلَى وَمُولِ الْمُعْلَى الْمُؤْمِ وَالْمَانِ وَكُلُّ اللَّهِ هَا الْمُعْلَى وَمُولِ الْمُؤْمِقِ وَلَا الْمُعْلَى الْمُعْلَى الْمُعْلَى اللَّهُ الْمُعْلِي الْمُعْلَى الْمُعْلَى اللَّهُ الْمُؤْمِقِ اللَّهِ الْمُعْلَى اللَّهُ الْمُعْلَى الْمُعْلَى اللَّهُ الْمُعْلَى اللَّهُ اللَّهِ الْمُؤْمِلُ لِلْمُعْلِي الْمُعْلِى الْمُعْلِلَةِ وَالْمُولِ الْمُعْلِى الْمُعْلِي الْمُعْلِى الْمُعْلِى الْمُعْلِى الْمُعْلِى الْمُعْلِى الْمُعْلِي الْمُعْلِى الْمُعْلِى الْمُعْلِى الْمُعْلِى الْمُعْلِي الْمُو

ٱلْبَحْثُ الثَّانِي فِي آجْزَا ِ الْعُلُومِ

وَ الْمُقَدِّمَاتُ عَيْمُ الْمَقِدِ مَنْ الْمَا وَ الْمَ عَرَفَهُا وَ مَبَادٍ وَهِي حَدُ وَدُ الْمَوْضُوعَاتِ وَ اَجْزَا بُهَا وَ اَعْرَافِهَا الذَّاتِيَّةِ وَالْمَقْدِمَاتُ عَيْمُ الْبَيْنَةِ فِي نَفْسِهَا الْمَا خُوذَةِ عَلَى سَبِيْلِ الْوَضْعِ كَقُولِنَا لَنَا اَن نَصِلَ بَيْنَ كُلِّ نُقَطْنَيْنِ بِيَخَطُّ مُسْتَقَيْمٍ وَ اَن نَعْمَلَ بَاعْيِ بَعْدِ عَلَى كُلِّ نَقَطة شِكْنَا وَالْوَقْعَ وَالْمَقَدِّمَاتُ الْبَيْنَة بِنَفْسِهَا كَقُولِنَا الْمُقَادِيْرُ وَالْمَقْدِمَاتُ الْبَيْنَة بِنَفْسِهَا كَقُولِنَا الْمُقَادِيْرُ وَالْمُسَاوِيَة لِمِقْدَارٍ وَ احِدِ مُتَسَاوِيَةً وَ مُسَائِلٌ وَهِي الْقَضَايَا الَّتِي تُطْلَبُ بِيَا نِسْبَة مُخْمُولًا تَهَا إِلَى مُوضُوعَاتِهَا فِي ذَلِكَ الْعَلِم كَقُولُونَا كُل مِقْدَارٍ مَشَارِكُ لِلْإَجْرِ وَمُومُوعَاتِهَا فِي ذَلِكَ الْعَلْمِ كَقُولُونَا كُل مِقْدَارٍ وَسَطّ فِي النِّسْبَةِ فَهُوطِئِعُ مَا يُحيَّلُونَ لِلْقَالِمَ وَمُومُ عَرُضِ ذَا لَيْ كُلُّ خَطْ يَعْمَى تَنْصِيقَهُ وَ قَدْ تَكُونُ نَوْعَهُ مَعْ عَرْضِ ذَا تِي كُمُّ مِنْ الْفَرَانِ وَقَدْ تَكُونُ نَوْعَهُ مَعْ عَرْضِ ذَا تَتِي كَقُولُونَا كُلُّ مُعْلَى اللَّسْبَة فَهُوطِئِعُ مَا يُحيلُونَا كُلُّ خَطْ قَامُ وَقَدْ تَكُونُ نَوْعَهُ مَعْ عَرْضِ ذَا تِي كَنَّ عَلْ اللَّهِ الْقَالِمُ لَكُونَ الْمُعْلِي الْفَولَانِ الْفَالِمُ اللَّالِمُ اللَّهُ وَلَا لَكُنَا لَكُنَ الْعَلَى مُطَلِّولًا لَكُولًا لَعُلَى مُعْتَلِم وَلَا لَكُن لَكُولُ الْعَلَى مُعْتَلِم وَلَا لَكُولًا لَكُنَا لَا لَعْمَلُ وَلَعْلَم وَلَا لَكُولُونَا فَا لَكُولُونَا عَلَى مُعْتَلِي الْمُولِي الْمُؤْلِقِي وَلَا اللْعَلْولِي الْمُولِي الْمُؤْلِقِي الْمُؤْلِقِي الْمُقَلِقِ الْمُؤْلِقِي الْمُؤْلِقِي الْعَلْمِ الْمُؤْلِقِ الْمُؤْلِقِي الْمُؤْلِقُ الْمُؤْلِقِي الْمُؤْلِقِ الْمُؤْلِقِي الْمُؤْلِقِي الْمُؤْلِقِ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقِ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ وَالْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ وَلَا الْمُؤْلِقِ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْمُؤْلِقُ الْ

SECOND INQUIRY.

On the parts of which Sciences consist.

They are: [First] the subjects (or topics of the science) of which we have spoken above [§ 6]; [Secondly] the principles, that is to say, the descriptions (or definitions) of the subjects and their parts and essential accidents and the premisses [of the sciences. These are of two kinds,] either they are not selfevident and taken by the way of appointment [i. e. taken as granted; regarding "appointment" see § 8.] e. g. connecting any two parts by a straight line; drawing a circle at any distance round any point—or they are self-evident, e. g. quantities equal to another quantity are equal among themselves. [Thirdly] the theorems; these are propositions by which the relation of the predicates to their subjects in the respective science is investigated. Their subjects are either identical with the subjects of the science, e. g. every quantity either has something in common with another quantity or it is heterogeneous. Or they are identical, but contain in addition an essential accident, e. g. every mean quantity is a side which is surrounded by the two extremes; or the subject is the species, [and the subject of the science is the genus,] e. g. every line can be divided into two halves; or it is the species together with an essential accident, e. g. if a line stands upon another, the angles on either side are either two right angles or equal to two right angles; or it is an essential accident, e. g. the angles of every triangle are equal to two The predicates of theorems are external to their subjects, for it is inadmissible that it should be necessary to establish a part of a thing by demonstration. Here ends the Risálah Shamsyyah.

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- [4] Presumptions, these are propositions founded on belief, e. g. a man who sneaks about at night is a thief. A syllogism (argument), composed of these two kinds of propositions is called oratorial. Its object is to exhort the hearer to things useful for him, such as good morals and religiousness. [5] Imaginativa, these, are propositions which produce wonderful effects on the mind such as melancholy, joy, &c., e. g. wine is fluid ruby, honey is bitter and nauseous. A syllogism comnosed of such propositions is called poetry and its object is to impress the soul with a desire or dislike, and it is accompanied by metre and a sweet voice. [6] Preconceptions; being judgments of wahm (and not of reason) they are false propositions regarding things, which are not objects of the senses, e. g. what we can see is all that exists and beyond the world is infinite space. Preconceptions if they were not refuted by reason or revelation would pass for axioms, but their falsity can be recognized by this that reason assents to them as mere premisses of a syllogism; yet upon finding that they lead to a conclusion contradictory of its judgment, it cannot but deny and reject the result. A syllogism consisting of preconceptions is called sophistry, and its object is to silence the opponent.
- 46. Wahm means originally a fancy or thought which we cannot get rid of. It is said in the tradition "he could not help thinking of the marriage with Maymúniah." Hence وهم الصلوة "the could not help thinking of the marriage with Maymúniah." Hence "to cause to forget" to mislead; hence yhúm means a sentence which has two or more meanings of which the less obvious is intended—a pun, because it is an attempt to mislead the reader. Wahm means also a misconception and answers precisely to the German word Wahn, and it is used in places like this, our fear of a dead body is a wahm. In this sense it is frequently used in Hindústány. Philosophers have invented a separate faculty for illusory impressions, and they call this faculty equally wahm as it will be perceived from the text. The commentator says: "wahm is a corporeal [or physical in opposition to mental] faculty of man, by which he perceives such particular [notions] as cannot be perceived by the senses. This faculty follows the senses." According to Jorjány it means instinct; he says that we perceive by it moral qualities such as bravery, liberality, &c., and that it is the faculty which causes the sheep to love its young one, and to fear the wolf.
- 99. Fallacy means an error in the form of syllogism, which renders it inconclusive on account a violation of some important condition in reference to quantity or quality or mode, or of an error in the matter. In a fallacy one of the premisses and the question may be identical, the words used being synonymous, e. g. every man is a person, and every person is risible, therefore every man is risible. Or one of the premisses may be false but resembling truth, owing to the improper use of a word e. g. if we were to say of a painted horse; every horse neighs, this is a horse; therefore it neighs. Or the falsity of the premisses may be owing to a mistake in the meaning, e. g. all what is man and horse is man and all what is horse and man is horse; therefore same men are horse. Or a physical [universal] may be used instead of a [logical] universal, e. g. man is an animal, animal is a genus; therefore man is a genus. Or a conception of the intellect may be taken for a real thing and vice versâ. You must observe all these things that you may not fall into error. He who makes use of fallacies is called sophist, if he meets a philosopher with them; but if he meets a disputant with them, he is called eristicos.

that the sun is giving light, or that we feel fear and anger, [the former propositions of this class are called حسيات sensualia, and the latter وجدانيات sensa.] [3] Experta. these are propositions which are the result of repeated observation enabling us to arrive to certainty, e. g. scamony is a purgative. [4] Acumenalia (guesses); these are propositions which are arrived at by superior acuteness which leads to knowledge, e. g. the light of the moon is reflected from the sun. Acuteness means quickness in passing from [general] principles to results. [5] Testata; these are propositions which rest on abundant testimony regarding a subject of which we know that it is not impossible. Such testimony must be free from suspicion of a conspiracy of the witnesses, e. g., the existence of Makkah and Baghdad. The number of witnesses required to make a fact certain cannot be laid down; but we ought to have a number sufficient to destroy all doubt. Knowledge acquired by experience, acuteness and testimony cannot be an argument against other knowledge. [6]. Propositions accompanied by their demonstrations; in these propositions we come to a judgment by a medium which is not concealed from our intellect at the time we apprehend the terms of the proposition, e. g. four is an even number because it is divisible into two equal parts.

The syllogism which is composed of these six kinds of propositions is called demonstration. It is of two kinds: it is called propteric (from propter quid, δ_{iort} ,) if the middle term is the cause of the relation [of the two terms] both in the intellect and in reality, (i. e. subjectively and objectively,) e. g. the humors of this person are putrid, every person whose humors are putrid suffers from fever, therefore this person suffers from fever. It is called quiatic (from quia,) if the middle term is the cause of the relation in the intellect only, (i. e. merely subjectively,) e. g. this man has fever, every person who suffers from fever has putrid humors, therefore this person has putrid humors, [the presence of fever is the cause of our conviction that the humors are putrid; but in reality it is the effect of the putridity of the humors.]

There are six non-certainties. [1] Nota; these are propositions which are acknowledged by all men, on the ground of general expediency, [e.g. justice is good, oppression is bad, or on the ground of sympathy, [e. g. to protect the weak is praise-worthy], or on account of propriety, [e. g. exposing the pudenda is wrong.] or on the ground of popular habits, fe. g. the killing of animals is not right with the Hindús, or on the ground of divine law and humanity. We can distinguish conventional principles from axioms by divesting ourselves of every thing which is not in the mind itself; by doing so we arrive to axioms but not to conventional principles. Some of these principles are true and others are false. Every nation and every profession has its own conventional principles. [2] Admissa; these are propositions which have been admitted by the opponent and upon which the disputation is founded with a view of refuting him, [they may be generally admitted or merely by the disputant,] e. g. the questions regarding the sources of the law with divines. syllogism (argument) composed of these two classes is called disputation. is to satisfy an opponent who fails to see the force of an exact demonstration. Accepta, these are propositions which are taken on the authority of a person on faith, on account of his being [supposed to be] endowed with supernatural powers or superior knowledge or religiousness, e. g. maxims which we take from learned or holy

- 95. Third.—Induction is a judgment that, what is found in most of the parts (dividing members) is universal, e. g. all animals move the lower jaw in eating because oxen, tiger, &c. move it. This does not enable us to arrive at certainty on account of the presumption, that not all are like those, as is the case (in regard to the above example) with the crocodile. [If a thing is found in all the dividing members, it is called القياس المقسم enumeratio partium.]
- 96. Fourth.—Example. A judgment is affirmed of a particular (singular) which is applicable to another particular, because they have a meaning [see note 11] in common, e. g. the world is composed of parts and therefore, as in the case of a house, it does not exist from eternity. That the meaning which the two particulars have in common has the nature of a cause is demonstrated by the argument of "concomitancy" and of "division." This last however does not amount to a dilemmatic judgment, such that if one part is false the other must be true, e. g. the cause of destructibility is either composition or such a thing or such a thing; the futility of the two latter assumptions is shown by reductio ad absurdum, and thereby the first is established. Both these arguments are weak. The former because the last [of the four] parts of a complete cause together with all the conditions is called the madar of an effect, but it cannot be called its cause. Division forms a weak argument, because it is impossible to say that nothing else [than the parts enumerated is the cause, and supposing it be admitted that, what the two things which are analogous, have in common, is the cause in the case cited, it does not follow that it is also the cause of the thing to be proved, for it may happen that a peculiarity of the case cited is the condition for the operations of the cause or that a peculiarity of the thing to be proved renders it impossible that the same cause should be in operation.
- 44. A complete cause consists of four parts or causes 1. العلة النادية (causa operativa, 2. العلة النادية (causa materialis, 3. العلة الغائية causa formalis, 4. العلة العائية causa intentionalis. The smith is the first of this four causes in producing a knife, iron is the second, the shape is the third, and the object (cutting,) is the fourth, or, as it is called in the text, the last; (see Maybodzy, Calcutta edition, p. 206.)
- the second particular is called root فرع and what they have in common is called cause العلق or the connecting link العجامع The reader will observe in studying the original text of this paragraph that the root is called also in Logic and the branch مقيس عليه. In Logic the concomitans is called دائر and that of which it is the concomitans is called madár مدار

CONCLUSION.

FIRST INQUIRY.

On the matter of Syllogisms.

97. The matter of a syllogism is either a certainty or a non-certainty. There are six certainties. [1] Axioms (or first principles). These are propositions the apprehension of whose two terms is by itself sufficient to convey conviction, e. g. the total is greater than the part. [2] Observata; these are propositions in which we pronounce on the strength of the perception of our external or internal faculties, e. g.

sive] it is necessary: [First] that the hypotheticals be affirmative; [Secondly] that if the hypothetical is conjunctive, it be cogent (literally adhesive,) [and that, if it is disjunctive,] it be antagonistic; [Thirdly] that either the hypotheticals be universal or that the assertion that one of the parts is or is not be universal (i. e. that it be asserted it is or is not at all times and under all circumstances); unless the time of conjunction or disjunction is also the time regarding which it is asserted that the part is or is not, [e. g. whenever Zayd comes with Bakr in the afternoon, I receive him with honor, he did come with Bakr in the afternoon and therefore he was received by me with honor.]

If the hypothetical which forms part of the interpellative syllogism is conjunctive, from the interpellation of the antecedent follows the consequent as conclusion, and from the interpellation of the contradictory of the consequent follows the contradictory of the antecedent as conclusion. If this is not the case the adhesion is not established. The reverse is not admissible in either of the above two cases, for the consequent may be more general than the antecedent.

If the hypothetical is a veritable disjunctive proposition, [see § 53] and if, in the interpellation any part, whichsoever, is asserted, there follows from it the contradictory of the other part on account of their incompatibility, but if the interpellation consists of the contradictory of any part, whichsoever, there follows from it the other part on account of their exclusiveness.

If the disjunctive hypothetical is incompatible, the conclusion is as in the first case only, (i. e. there follows from it the contradictory of one part, if the other is asserted with interpellation;) because the two parts are incompatible but not exclusive; and if the disjunctive is exclusive, the conclusion is as in the second case only, because the two parts are exclusive but not incompatible, (e. g. either Zayd is on the sea or he is not drowned; but he is not at sea therefore he is not drowned).

FIFTH SECTION.

Pendents of the Syllogism.

- 93. These are four. First.—The compound syllogism (the Sorites). It is composed of several premisses, some (two) of which lead to a conclusion, which (conclusion) with another premiss leads to another conclusion, and so on until we arrive at the question. The conclusions are either connected, as every C is B, and every B is D, therefore every C is D; again every C is D and every D is A, and therefore every C is A; again every C is A and every A is E, therefore every C is E; or the conclusions are disconnected, as, every C is B and every B is D and every D is A and every A is E; therefore every C is E.
- 94. Second.—Reductio ad absurdum. The question is proved by disproving the contradictory thereof; e. g. If you deny that some C is not B, let every C be B and let every B be A. Now if this proposition (every B is A) is true, we say if you deny that some C is not B, you must allow that every C is A; but not every C is A, and therefore your assertion is absurd, and there follows not every C is B. This was to be demonstrated.

90. Fourth kind. It is composed of a categorical and a disjunctive premiss and it is of two descriptions. First.—The number of categorical propositions is the same as the number of disjunctions, and each categorical proposition has one term with the parts of the disjunction in common, and the composition is either identical or there is a difference of composition in the conclusion. Example of a case in which the composition is identical: Every C is either B or D or E, and every B is T and every D is T and every E is T; hence it follows that every C is T, because the parts of the disjunction [B, D, E] are true of that term of the categoric premiss which it has in common with the disjunctive premiss. Example in which there is a difference of composition in the conclusion, every C is either B or D or E; but every B is C and every D is T and every E is Z, hence it follows that every C is either C or T or Z, for the reasons just mentioned.

Secondly.—If there are fewer categoric propositions than there are parts of the disjunction, let us suppose there be a categorical proposition of one part and a disjunctive one of two parts, and the categoric proposition have a term in common with the latter, e. g. either, every A is T, or every C is B, but every B is D, hence it follows that either every A is T, or every C is D, on account of the exclusiveness which there is between the premisses of the composition and the term which they have not in common. [If there is no such exclusiveness, the conclusion is not of necessity correct.]

91. Fifth kind. It is composed of a conjunctive and of a disjunctive proposition, and the two premisses have either a complete part in common or an incomplete part. In either case only a syllogism in which the conjunctive proposition forms the minor and the disjunctive, the major, is conclusive. Example of the first case: Whenever A is B, C is D, but invariably either every C is D, or E is Z, hence it follows that invariably either, every A is B or E is Z. If the disjunctive proposition, [either C is D or E is Z] is incompatible, the conclusion is equally incompatible, because if a thing is incompatible with the adherent, either perpetually, or only now and then, it follows of necessity that it be also incompatible with the substrate either perpetually or now and then, (i. e. under certain circumstances;) and if the disjunctive is exclusive, the conclusion is "it happens sometimes;" for if A is not B, then E is Z, for the contradictory of the middle term [C is D] requires the two terms [of the conclusion to be "E is Z" and "the contradictory of A is B."] The question is demonstrated by the third figure.

Secondly.—[If the two premisses have an incomplete part in common, we say] whenever A is B, every C is D, and perpetually either, every D is E, or D is Z; if the disjunctive proposition is exclusive, the conclusion is, whenever A is B, either every C or E, or D is Z.

FOURTH SECTION.

On the Interpellative Syllogism.

92. It is composed of two antecedents; one of the two is hypothetical and the other is an assertion that one of its two parts is or is not, and from this assertion follows that the other part is or is not. [In order that such a syllogism be conclu-

reductio ad impossibile, that is to say, the contradictory of the conclusion is added to one of the two premisses in order that a conclusion may be come to, which is the converse of the contradictory of the other premiss [e. g., supposing it be not true that some C is A, then it must be true that no C is A; then let us take this as the major premiss and add, every B is C, as the minor; and it follows, no B is A, and by conversion no A is B]. The second and fifth mood can be demonstrated by supposition. We employ supposition for demonstrating the second mood, and the fifth can then be treated in the same manner. Let some individua of A be D, then it follows that every D is A and every D is B, therefore we say, every B is C, and every D is B, and some C is D, and every D is A, and some C is A; this was to be demonstrated.

83 The ancients considered only the first five moods of this figure as conclusive and they held that owing to non-identity in the conclusion the remaining three were not conclusive, this is the case if both premisses are simple, we therefore make it a condition that the negative premiss be of one of the two kinds of peculiar propositions [i. e. the conditioned or the conventional]. This obviates non-identity.

THIRD SECTION.

Conjugate Syllogism containing hypothetical premisses.

- 87. These are of five kinds.—The first is composed of conjunctive premisses. The norm of this class is a syllogism in which the two premisses have a complete part (term) in common and in reference to this term syllogisms of this kind are classed under the four figures. If the common term is the consequent in the minor premiss and the antecedent in the major, we have the first figure. If it is the consequent in both we have the second. If it is the antecedent in both we have the third figure. If it is the antecedent in the minor premiss and the consequent in the major we have the fourth figure. The conditions of arriving at conclusions, the number of moods and the quantity and quality of the conclusion of every figure are exactly the same as in the categorical. Example of the first mood: whenever A is B, C is D, and whenever C is D, E is Z, consequently whenever A is B, E is Z.
- 88. Second kind. It is composed of two disjunctive premisses; the norm of this class is a syllogism in which the two premisses have not a complete part in common, as: invariably either every A is B or every C is D; again, either every D is E, or every D is Z, consequently, either every A is B or every C is E or every D is Z. [This conclusion is correct,] on account of the exclusiveness which there exists between the two premisses of the composition [i. e., every C is D and every D is E] and one of the other two premisses [i. e. every Λ is B and every E is Z].
- 89. Third kind. It is composed of a categoric and conjunctive premiss. The norm of this class is a syllogism in which the categorical proposition is the major and has a term in common with the consequent of the conjunctive [minor]. The conclusion of the syllogism is a conjunctive proposition, the antecedent of which is the antecedent of the conjunctive premiss, and the consequent is the conclusion of the composition between the consequent [in the minor] and the categorical [premiss], e. g., whenever A is B; C is D; farther D is E; therefore, whenever A is B, every C is E.

Fourthly.—From an affirmative particular minor premiss and a negative universal major a particular negative conclusion is deduced, as some B is C, and no B is A; therefore some C is not A. This can be demonstrated by reductio ad impossibile and by conversion of the minor and by supposition.

Fifthly.—From two affirmative premisses the minor being universal an affirmative particular is derived, as, every B is C, and some B is A; therefore some C is A. This can be shown by reductio ad impossibile and by using the converted major as minor and then converting the conclusion. It can also be shown by supposition.

Sixthly.—From an affirmative universal minor premiss and a negative particular major a negative particular conclusion is derived, as, every B is C, and some B is not A, therefore some C is not A. This can be shown by reductio ad impossibile and by supposition if the negative be compound [see § 46].

82. Fourth figure. In regard to the quality, and quantity, it is necessary that the two premisses be affirmative and the minor premiss a universal; or the two premisses must differ from each other in quality and one of them must be a universal. If this be not, the case there will be non-identity which renders it impossible to come to a conclusion. This figure has eight conclusive moods:—

First.—From two affirmative universal premisses an affirmative particular conclusion is deduced, as, every B is C, and every A is B; therefore some C is A. It is demonstrated by conversion of the arrangement which gives a converted conclusion, [i. e. every A is B, and every B is C; therefore every A is C.]

Secondly.—From two affirmative premisses, the major being a particular, follows an affirmative particular conclusion, as, every B is C, and some A is B; therefore some C is A; the demonstration is the same as in the preceding mood.

Thirdly.—From two universal premisses, the minor being negative, follows a negative universal conclusion, as, no B is C, and every A is B; and therefore no C is A. The demonstration is the same as above.

Fourthly.—From two universal premisses, the minor being affirmative, follows a negative particular conclusion, as, every B is C, and no A is B; therefore some C is not A. It is demonstrated by the conversion of the two premisses; [viz. some C is B, and no B is A; therefore some C is not, A.]

Fifthly.—From an affirmative particular minor and a negative universal major follows a negative particular conclusion, as, some B is C, and no A is B; therefore some C is not A. It is demonstrated like the preceding.

Sixthly.—From a negative particular minor and an affirmative universal major follows a negative particular conclusion, as, some B is not C, and every A is B; therefore some C is not A. By conversion of the minor it is reduced to the second [figure].

Seventhly.—From an affirmative universal minor and a negative particular major follows a negative particular conclusion, as, every B is C, and some A is not B; therefore some C is not A. By conversion of the major it is reduced to the third figure.

Eighthly.—From a negative universal minor and an affirmative particular major follows a negative particular conclusion, as, no B is C, and some A is B; therefore some C is not A. It is demonstrated by conversion of the arrangement whereby a converted conclusion is arrived to; the first five moods can also be demonstrated by

the conclusion is attached to the major premiss, producing the contradictory of the minor premiss as conclusion, [e. g., if you deny that no man is a stone, let us suppose, some men are stones; under this supposition we have: some men are stones; no stone is an animal; therefore some men are not animals—this is contrary to the admission, that every man is an animal.] [It can also be demonstrated] by conversion of the major premiss, [e. g., every animal is a not-stone,] whereby it is reduced to the first figure.

Secondly.—From two universals, the major premiss being affirmative a negative universal conclusion is obtained, e. g., no C is B; and every A is B; therefore no C is A. This can be demonstrated by reductio ad impossibile; and also by converting the minor premiss, putting it into the place of the major [taking the major as the minor and converting of the conclusion].

Thirdly.—From an affirmative particular minor premiss and negative universal major a negative particular conclusion is deduced, as: some C [men] are B [fair]; no Λ [negro] is B; therefore some C are not Λ . This can be demonstrated by reductio ad impossibile and conversion of the major whereby it is reduced to the first figure. [It can also be demonstrated by supposition:] let us suppose for this purpose that the exact subject of the particular proposition be D [Caucasians], then every D is B, no Λ is B; therefore no D is Λ . Hence we say, some C is D; and no D is Λ ; therefore some C is not Λ .

Fourthly.—From a negative particular minor and an affirmative universal major a negative particular conclusion is deduced, as: some C is not B; and every Λ is B; therefore some C is not Λ . It can be demonstrated by reductio ad impossibile; and by supposition, if the negative be compound, (i. e. not indivisible, otherwise the subject might have no assignable significates; see § 46.)

81. In the third figure the minor must be affirmative, else there will be non-identity, and one of the two premises must be universal, else some of the things of which the minor term is predicated may be different from some of the things of which the major is predicated, and consequently it leads to no result.

The conclusive moods of this figure are six: First.—From two universal affirmative premisses an affirmative particular conclusion is derived, as, every B is C; and every B is A; therefore some C is A. It can be demonstrated by reductio ad impossibile, i. e. the contradictory of the conclusion is [taken as major premiss and] added to the minor premiss to deduce the contradictory of the major; and [it can also be demonstrated by reduction to the first figure,] which is effected by the conversion of the minor.

Secondly.—From two universals the minor premiss being negative, a negative particular conclusion is deduced, as: every C is B, and no B is A; therefore some C is not A. [It can be demonstrated by reductio ad impossibile and] by conversion of the minor premiss.

Thirdly.—From two affirmative premisses, the major being a universal, an affirmative particular conclusion is deduced, as, some B is C, and every B is A; therefore some C is A. [This can be demonstrated] by reductio ad impossibile and by conversion of the minor, and by supposing the [exact] subject of the particular premiss to be D. Then: every D is B, and every B is A; therefore every D is A, then we say: D is C and every D is A; therefore some C is A; and this was to be demonstrated.

- 42. The hypothetical syllogism is called interpellative, because the conjunction "كن" but" is used in it, which is called the "exceptive conjunction" in Logic, but in grammar it is called "reparative or interpellative conjunction" مرف الاستدراك. The latter term appears to me best to express the idea. The sentence following "but" is called استثنا which literally means exception but which I translate by interpellation.
- 78. The subject of the question is called minor [term,] and its predicate is called major, and a proposition which forms part of a Syllogism is called premiss, and the premiss which contains the minor [term] is called minor [premiss], and that which contains the major [term] major [premiss], and the repeated intermediate term is called the middle term, the conjugation (connexion) between the minor and major premisses is called the mood, and the shape resulting from the manner in which the middle term is placed in regard the other two terms is called figure. There are four figures: in the first figure the middle term is the predicate in the minor premiss and the subject in the major premiss; in the second figure it is the predicate in both; in the third figure it is the subject in both; and in the fourth figure it is the subject in the minor premiss and the predicate in the major premiss.
- 43. If the premisses of a syllogism, says Qotby, are categoric propositions, it is called categoric syllogism المالية. If the "adhærens" is considered as the result of the syllogism, it is called conclusion and if it is yet to be demonstrated by a syllogism, question المطارب. The minor term is generally less extensive than the major, hence their names.
- 79. In the first figure the minor premiss must be affirmative, for else the minor term is not contained in the middle term. The major premiss must be a universal (proposition), else it may be that some [things] predicated by the major term are not the same which are predicated of the minor term. It [this figure] admits of four conclusive moods. First, from two affirmative universals an affirmative universal conclusion is derived, as "every C is B; and every B is A; therefore every C is A."

Secondly.—From two universals, the minor premiss being affirmative and the major negative, a universal negative conclusion results as every C is B, no B is A, therefore no C is A.

Thirdly.—From two affirmatives, the minor premiss being a particular, results a particular affirmative conclusion, as some C is B, every B is A; therefore some C is A.

Fourthly.—From an affirmative particular minor premiss and a negative universal major premiss results a negative particular conclusion, as some C is B, no B is A; therefore some C is not A.

The conclusions of this figure are self-evident.

80. In the second figure the two premisses must be different in quale (one must be affirmative and the other negative;) and the major premiss must be a universal: else (if either of these two conditions is not fulfilled) we get a non-identity which warrants no inference, i. e. from correct premisses, sometimes, you obtain a conclusion which you are able to affirm, and, at another, one which you are obliged to deny.

The conclusive moods are again four. Firstly,—From two universals, the minor premiss being affirmative, a negative universal conclusion is obtained, e. g., every C [man] is B [animal;] no A [stone] is B [animal;] therefore no C [man] is A [a stone.] This can be shown by reductio ad impossibile, i. e., the contradictory of

40. Ancient Logicians made the process consist in simply prefixing the negative particle to each term and transposing them, e. g. every man is an animal; all that is not-animal is not-man. Their view has been rejected, because, as it has been stated above, the negative proposition is more general than the affirmative attributive.

FOURTH INQUIRY.

On the Cohesion of Hypotheticals.

75. The affirmative universal conjunctive must be convertible into an incompatible proposition, consisting of the antecedent unaltered and of the contradictory of the consequent, and into an exclusive proposition consisting of the contradictory of the antecedent and of the unaltered consequent, and should it not be thus convertible the adhesion and conjunction are unsound.

The veritable disjunctive proposition must be convertible into four conjunctive propositions. The antecedent of two of them is one of the parts [of the original proposition] unaltered and the consequent is the contradictory of the other part. The antecedent of the other two is the contradictory of one of the two parts and the consequent is the other part unaltered. Every other hypothetical proposition than the veritable must be convertible into another, composed of the contradictories of the two parts.

THIRD BOOK.

ON SYLLOGISM.

FIRST CHAPTER.

Definition and division of Syllogism.

- 76. Syllogism is a speech composed of propositions, [of such a nature, that] if they are admitted, there follows, from them, taken in themselves, another speech.
- 41. The reader will observe that the term syllogism comprises in Arabic only the two premises and not the conclusion.

The words "taken in themselves" are used in the definition in order to exclude arguments in which a strange premiss is employed as a medium to arrive at a conclusion, as A=B, and B=C; therefore A=C. Instead of equal you may read "substrate" in the above example, e. g., Mekkah is in Arabia, Arabia is in Asia; therefore Mekkah is in Asia. The following example will show that this is not a syllogism: A is different from B, B is different from C—from which nothing can be inferred.

77. A Syllogism is [called] interpellative (hypothetical), if the conclusion itself or its contrary is actually mentioned in it, as "if this be a body, it is spacial." Here the very conclusion is mentioned in it. And if we say "but it is not spacial" it follows that it is not a body. In this instance the contradictory is mentioned in it. A Syllogism is called conjugate if it is not like the preceding, e. g. "every body is composed of parts, every thing composed of parts is temporal," it follows "every body is temporal." Neither the conclusion nor its opposite are actually mentioned in it.

- 65. There are seven [modal] forms of negative universal propositions, which cannot be converted, viz., the two temporals, the two existentials, the two possibles and the general absolute; because the most peculiar among them, the temporal, does not admit of conversion, and if the most peculiar cannot be converted the more general ones cannot be converted, for if the more general can be converted, surely the more peculiar can also be converted; for an adhærens of the more general thing, of necessity, also adheres to the more peculiar. We are correct in saying, the moon can by no means be celipsed, when she, the sun, and earth form a right angle, but not always; and we are wrong in saying, by general possibility some lunar eclipses may happen to [another celestial body and] not to the moon. In this example we have chosen the most general mode; for every lunar eclipse operates of necessity on the moon.
- 66. The [negative] absolute necessary and absolute perpetual, become by conversion [negative] universal perpetual, for if it is of necessity, or always true, that no C is B, it is always true that no B is C, else some B would, by general absoluteness, be C, and this, together with the original proposition, would prove that some B is necessarily not B—in necessary propositions, and that some B is always not B—in perpetual propositions. This is absurd.
- 67. The general conditioned and the general conventional become by conversion universal general conventional, for if it is of necessity or perpetually true that no C is B, as long as C exists; no B can ever be C, as long as B exists, else let us suppose that some B is C, whilst it is B, and it follows, if this is taken in connexion with the original proposition, that some B is not B whilst it is B. This is absurd.

The peculiar conditioned and the peculiar conventional are converted into the peculiar non-perpetual conventional. The reason of this process in reference to the general conventional is, that it is an adherent of both kinds of general propositions, (i. e. the general conventional and the general conditioned.) The reason why the converted proposition is peculiar non-perpetual, is, because it is not true that some B is absolutely and generally C, because it is true that no B is always C, and therefore it is converted into "no C is always B," but the original proposition was that every C is B. We have therefore proved our thesis by reductio ad absurdum.

39. Paragraphs 68, 69 and 70, and again 72, 73 and 74, and again 84, 85 and 86, are omitted in the translation, because they contain details on modals which are of no interest. The last named four paragraphs are also omitted in most Arabic text books on Logic, and not studied in Mohammedan Schools.

THIRD INQUIRY.

On Conversion by Contradiction.

71. This expression means to place the contradictory of the second part of a proposition first, and the first part unaltered second. The quale of the new proposition will be the opposite of the original proposition, but it will be equally true, [e. g. every man is an animal, and no not-animal is a man.]

(more extensive) than the predicate. In the "all" it is requisite that there be a difference in the mode; for two possible (contingent) propositions are true and two necessary propositions false in matter of possibility (contingency).

- 60. The contradictory of the absolute necessary proposition is the general possible, for if the necessity is of necessity negatived, the two propositions will surely be contradictory. The contradictory of the absolute perpetual proposition is the general absolute; because the contradiction of the negative "at no time" is the affirmation "at some times," and vice versa. The contradictory of the general conditioned is the possible temporal, that is to say, the proposition which pronounces that necessity in reference to the attribute [see § 50] is not applicable to the converse, e. g. every body affected with pleurisy will cough at times on account of his illness. The contradictory of the general conventional is the absolute temporal, i. e. the proposition which pronounces that the predicate is affirmed or denied of the subject at some times when the subject is under certain circumstances. The preceding examples illustrate this case.
- 61. The contradictory of a compound proposition is the contradiction of its two parts. This will be evident to you after you have comprehended the verities of compound propositions and the contradictories of simple propositions, for after you have ascertained that the non-perpetual existential proposition is composed of two general absolute propositions, one of which is affirmative and the other negative, and that the contradictory of the absolute is the perpetual, you will understand, that its opposite is the opposite perpetual or the agreeing perpetual.
- 62. If [the compound proposition] is particular, what we have mentiofied will not be sufficient to contradict it, for it would be false, were we to say "some bodies are animals but not always." And it would be equally wrong, were we to employ the contradictory of either of the two parts [e. g. no body is ever an animal]. The correct way of forming the contradictory is to place the contradictories of the two parts universally into a dilemmatic sentence, that is to say, every one must be the contradictory of one of the two parts, e. g. every single individuum of the genus body is ever either an animal or not an animal.
- 63. The contradictory of the universal hypothetical is the particular which agrees with it in genus and species, but which is opposed to it in "quale" (quality) and "quantum" (quantity,) and vice versa.

SECOND INQUIRY.

On even Conversion (Conversio Simplex).

64. Even conversion is an expression which means that the first part of a proposition be put second and the second part first, and that the truth and quale remain unaltered, (i. e. that the converted proposition remain true, if the original proposition is true, and that it remain affirmative, if the original one is affirmative, and negative if (negative,) (e. g. every man is an animal—some inimals are men; or no man is a stone, no stone is a man.)

the sun rises it is day. 5. (The reverse of the preceding,) as it happens that whenever the sun rises it is day, the being day proves sun-rise. 6. (Consisting of a categorical and a disjunctive proposition,) if this is a number, it will always be either even or odd. 7. (The reverse,) whenever this is either even or odd it is a number. 8. (Consisting of a conjunctive and a disjunctive proposition,) if, always, whenever the sun rises, it is day, it will always be, that either the sun is rising or it is not day. 9. (The reverse,) if it always happens that either the sun is rising or it is not day, whenever the sun rises it is day.

THIRD SECTION.

RULES CONCERNING PROPOSITIONS.

FIRST INQUIRY.

On Contradiction.

- 58. Contradiction is defined as a difference between two propositions in affirming and denying of such a description, that it follows from the difference itself [without medium,] that the one be true and the other false, [e. g. Zayd is a man, Zayd is not a man. But, Zayd is a man, Zayd is irrational, are not included in this definition, because they are contradictory by a medium.]
- 38. The term used by the Arabs for proposition means decision; and the word which is translated here by contradictory means "rescindens." The commentator says, that which annuls a thing is called its rescindent. In § 27 this term has precisely the same meaning as "contradictory" but this is not always the case. The commentator says the contradictory of the proposition, every man is necessarily an animal, is—it is not the case. The same holds good in all other propositions. In many cases however the contradictory of a proposition has a definite attributive sense, but this is not always the case. It may however happen that the contradictory has a co-extensive adhærens which has an intelligible attributive meaning, and if this is the case the term contradictory is applied to it (the adhærens). The contradictories of propositions become thereby new propositions with a definite meaning. "Contradictory" then is used in this chapter either for the contradictory itself or for an adhærens, which is co-extensive with the contradictory itself.
- 59. The contradiction of two peculiar (singular) propositions is not ascertained (established), unless the subject and predicate are identical, [example of the contrary: Zayd stands, Amr does not stand.] The identity of the former (subject) comprizes the unity of the condition, [example of the contrary: a body is visible, if it be white, a body is not visible, if it be black;] and the unity of "part" and "all" (quantity of the proposition,) [example of the contrary: Africans are black, that is to say some of them; the Africans are not black, that is to say not all of them.] The identity of the predicate comprizes unity of time and place, [example of the contrary: Zayd sleeps at night or in bed, Zayd wakes at day time or in the bázár,] unity of relation, [example of the contrary: Zayd is father, i. e. of 'Amr; Zayd is not father, i. e. of Bakr,] unity of possibility and reality, [example of the contrary: wine incbriates in a basin, i. e. it may incbriate; wine does not incbriate in a basin, it does not do so actually.]

If the two propositions be fenced, it is requisite, in addition to the above, that there he a difference in quantity, for two particulars are true, [e. g. some animals are men, some animals are not men,] and two universals are false [e. g. every animal is a man, no animal is a man,] in every matter in which the subject is more general

The affirmative conjunctive is false (nugatory) of two false parts (propositions) and of a false antecedent and true consequent and vice versa, and if it be cogent also of two true [propositions], but if it is coincidental, it is impossible that it be false of two true [propositions].

The veritable affirmative disjunctive proposition is true of one true and one false [proposition], e. g. this number is either even or odd; and it is false (nugatory) of two true and of two false [propositions, e. g. four is either even or divisible by two; three is either pair or divisible by two]. The incompatible is true (holds) of two false [propositions, e. g. Zayd may be a tree or a stone]; and of a true one and a false one, [e. g. Zayd may be a man or rational]. The exclusive is true of two true [propositions] and of a true one and a false one and it is false (nugatory) of two false ones. The negative is true of what the affirmative is false and it is false of what the affirmative is true.

- The universality of a hypothetical proposition consists in this, that (or a hypothetical proposition is called universal if) the consequent be adherent or antagonistic to the antecedent [at all times] and under all circumstances under which the antecedent can be, that is to say, such circumstances under which the antecedent may be placed by reason of its connexion with things which are compatible with it. The hypothetical proposition is particular if this is the case under some of those circumstances, and it is peculiarized if it is the case under a definite circumstance. The walls (terms indicative) of the affirmative universal are "whenever," "whatever." "when," [e. g. whenever the sun rises it is day], and of the disjunctive "always" [or "at any time," e. g. at any time either the sun is up or it is not day]. The wall of the negative universal is in both cases, (i. e. in the conjunctive and disjunctive) "certainly not" [e.g. when the sun is up it is certainly not night]. The wall of the affirmative particular is in both cases "it will then be," [e. g. it will then be day when the sun rises] and of the negative particular in both cases "it will then not be." An affirmative universal can be rendered negative by the introduction of the negative particle into the wall. The walls of the ambiguous conjunctive are simply "if" "when" and of the ambiguous disjunctive "either-or."
- 57. The hypothetical [proposition] may be composed [1] of two categorical propositions or [2] of two conjunctive ones or [3] of two disjunctive ones or [4] of a categorical and of a conjunctive one or [5] of a categorical and disjunctive one or [6] of a conjunctive and a disjunctive one. Each of the last three kinds if it be conjunctive is sub-divided into two sorts on account of the natural distinction between their antecedent and consequent. But the disjunctives are not thus sub-divided because their antecedent is distinguished from the consequent by appointment only. There are therefore nine divisions (or kinds) of conjunctive hypotheticals and six of disjunctive hypotheticals. You will be able to form examples yourself.
- 37. Examples of the nine conjunctives. 1. Whenever this is a man it is an animal. 2. Whenever it happens that a thing is a man it is an animal, and whenever a fining is not an animal it is not a man. 3. Always whenever it is met with this number will be even or odd, and always it will be either divisible into equal parts or not divisible. 4. (Consisting of a categorical and of a conjunctive proposition,) if sunrise is the cause of day, whenever

It (the hypothetical proposition) is either conjunctive or disjunctive. [See § 39.] The conjunctive (conditional) is either cogent (literally adhesive) [or contingent.] In the cogent the consequent is true under the supposition that the antecedent be true on account of the connexion between them, which is the cause thereof, as for instance, if the two propositions be connected by causation [e. g. if the sun rises day approaches, if day approaches the sun rises; if day approaches the world becomes illuminated—the cause of both phenomena being the rising of the sun;] or correlation [e. g. if Zayd is the father of Bakr, Bakr is his son]. In the contingent [the consequent is true if the antecedent is true] by merely accidental agreement of the two parts (or of the two propositions of which the hypothetical consists) in being true, e. g. if man is endowed with reason, the donkey is endowed with the faculty of braying.

53. The disjunctive [hypothetical proposition] is divided into the veritable disjunctive proposition [the incompatible and the exclusive]. The veritable disjunctive proposition pronounces that its two parts exclude each other (literally deny or refute each other) both in [case of] truth and [in case of] falsity, [i. e. if the one is true the other must be false and also if the one is false the other must be true,] as "this number is either even or odd." The incompatible disjunctive (literally the hypothetical which excludes co-existence) pronounces that the two parts are opposed to each other in truth only, e. g. this thing is either a stone or a tree, [if it is a stone it cannot be a tree, but it may be neither of the two, and therefore if it is not a stone it does not follow that it is a tree]. The exclusive hypothetical (literally the hypothetical which leaves no vacuum) pronounces that the two parts are opposed to each other in falsity only, as "either Zayd is at sea or else he will not be drowned."

Each of these three kinds [of disjunctives] is either antagonistical [or coincidental]. A disjunctive is called antagonistical if the two parts exclude each other in their nature, as in the above examples; and it is called coincidental, if this exclusion is a mere coincidence as if we say "non-writer" of a black man. But if we say the man is either black or a writer it is a veritable disjunctive proposition; if, he is a not-black or a writer, it is an incompatible proposition; and if, he is either black or a not-writer, it is an exclusive proposition.

- 54. Any of these eight [hypothetical] propositions is called negative if that [connexion or exclusion] which is pronounced [to exist] in the affirmative, is denied. If it negatives the cohesion, it is called negative-cogent, if it negatives antagonism it is called negative-antagonistic, and if it denies coincidence it is called negative-coincidental.
- 36. Example "it is certainly not the case that when the sun rises it be night," is negative-cogent, for it denies the existence of a connexion (or cohesion) between sun rise and night, but "if the sun rises it is not night, is affirmative cogent, for it affirms the connexion between sun rise and the negation of the existence of night.
- 55. The affirmative conjunctive proposition is true (i. e. the inference is correct) of two true and of two false [propositions, e. g. if Zayd is a man he is an animal; if Zayd is a stone he is a mineral]; and of one whose truth and falsity is not known [e. g. if Zayd be writing he is moving his fingers], and of a false antecedent and true consequent, [e. g. if Zayd be a donkey he is an animal,] but not the reverse, because from a true [proposition] does not follow a false one.

- 3. The not-necessary existencial. It is the same as the general absolute with the restriction that [the relation do] not [take place] of necessity in reference to the essence. If it is affirmative, as "man is actually risible (or it happens that man is risible) but not of necessity (he would be man without that property;)" it is composed of the affirmative general absolute and the negative general possible. And if it is negative, as "man is not actually risible but not necessarily" it is composed of the negative general absolute and the affirmative general possible.
- 4. The non-perpetual existencial. It is the same as the general absolute with the restriction of non-perpetuity in reference to the essence [of the subject]. Whether it be affirmative or negative it is composed of two general absolute [propositions] one of which is affirmative and the other negative. The preceding affirmative and negative examples explain this case.
- 5. The temporal. It pronounces that the predicate is affirmed or denied of the subject of necessity during a definite period of the existence of the subject, under the restriction of non-perpetuity in regard to the essence [of the subject]. If it is affirmative, as "an eclipse of the moon takes of necessity place during the time the earth is placed between the sun and the moon but not perpetually," it is composed of the affirmative absolute temporal and the negative general absolute. And if it is negative, as "of necessity no eclipse of the moon takes place when the earth, moon and sun are at right angles but not perpetually," it is composed of the negative absolute temporal and the affirmative general absolute.
- 6. The spread [proposition]. It pronounces that the predicate is affirmed or denied of the subject of necessity and during an indefinite period of the existence of the subject, under the restriction of non-perpetuity in reference to the essence [of the subject]. If it is affirmative, as "every man is of necessity breathing at times but not perpetually," it is composed of the affirmative absolute spread [proposition] and the negative general absolute. And if it is negative, as "man is of necessity not breathing at times but not perpetually," it is composed of the negative absolute spread [proposition] and the affirmative general absolute.
- 7. The particular possible [or contingent proposition]. It pronounces that there is no absolute necessity either for the existence or non-existence of the thing (or relation). It makes no difference whether it is affirmative, as "by peculiar possibility every man is a writer (i. e. every man can or may be a writer,)" or negative, as "by peculiar possibility every man is not a writer." It is composed of two general possible propositions, one of which is affirmative and the other negative.

The general rule is that, if a proposition is restricted by non-perpetuity, it indicates that it is a general absolute proposition, and if it is restricted by non-necessity, that it is a general possible proposition disagreeing in mode but agreeing in quantity.

SECOND SECTION.

On the different kinds of hypothetical Propositions.

52. The first part (or the first proposition) of a hypothetical is called antecedent and the second consequent.

- 49. There are thirteen modal propositions into which it is usual to inquire. Some of them are simple, that is to say, their verity is simply an affirmation or negation; and some are compound, that is to say, their verity is composed at the same time of an affirmation and a negation.
 - 50. There are six simple modal propositions.
- 1. The absolute necessary [proposition]. It pronounces that the predicate is affirmed or denied of the subject of necessity as long as the essence of the subject exists, as if we say, "every man is of necessity an animal" and " of necessity no man is a stone."
- 2. The absolute perpetual [proposition]. It pronounces that the predicate is affirmed or denied of the subject in perpetuity as long as the essence of the subject exists. The preceding affirmative and negative examples apply to this case.
- 3. The general conditioned [proposition]. It pronounces that the predicate is affirmed or denied of necessity under the condition of [the continuance of] a certain attribute of the subject, as if we say "every writer is of necessity moving the fingers as long as he writes." "A writer does not keep his fingers at rest as long as he writes."
- 4. The general conventional [proposition]. It pronounces that the predicate is affirmed or denied of the subject in perpetuity under the condition of [the continuance of] a certain attribute of the subject. The preceding affirmative and negative examples illustrate this case.
- 5. The general absolute [proposition]. It pronounces that the predicate is actually affirmed or denied of the subject, as if we say "every man without exception (literally with general absoluteness) is breathing." "Every man without exception (literally with general absoluteness) is not breathing."
- 6. The general possible [proposition]. It pronounces that there is no absolute necessity that what is contrary to the judgment should not be the case, as "by a general possibility fire may be hot." "By a general possibility what is warm is not cold."
 - 51. The compound modal propositions are seven in number.
- 1. The special conditioned. It is the same as the general conditioned with the restriction that the relation of the subject to the predicate is not [enounced to be] perpetual in regard to the essence [of the subject]. If it is affirmative, as "every writer of necessity moves his fingers as long as he writes, but not perpetually," it is composed of the affirmative general conditioned and of the negative general absolute propositions. And if it is negative, as "the fingers of a writer are necessarily not at rest as long as he writes, but not perpetually," it is composed of the negative general conditioned and of the general affirmative absolute.
- 2. The special conventional [proposition] is the same as the general conventional with the restriction that [the relation do] not [take place] perpetually in reference to the essence. If it is affirmative it is composed of the affirmative general conventional and of the negative general absolute, and if it is negative it is composed of the negative general conventional and of the affirmative general absolute. The preceding affirmative and negative examples illustrate this case.

tain figures the definitions of which exclude each other. The same applies to really existing things, e. g. if we say man is not a monkey. The terms man and monkey are applied to certain beings to which certain definitions answer, and as the definition of man (rational) excludes that of a monkey (irrational,) it is impossible that a being be discovered which is a man and at the same time a monkey. The notion of monkey has in fact as arbitrary limits as the notion of a triangle or of a mathematical point.

THIRD SECTION.

On Privatives and Attributives.

- 45. If a negative particle is part of the subject, e. g. an inanimate being is a mineral; or of the predicate e. g. minerals are without intellect (unintellectual); or of both; the proposition is called <u>privative</u> whether it be affirmative or negative. But if no particle forms part of either extremity then the proposition, if it be affirmative, is called <u>attributive</u> and if it be negative indivisible.
- 46. A proposition is affirmative or negative by reason of its affirmative or negative relation (copula) and not by reason of its extremities. If we say "every thing that is not living is without intellect," it is an affirmative proposition though both extremities are nonentities, and if we say "a moving being is not at rest" it is a negative proposition though both extremities have [positive] existence.
- The indivisible negative proposition [e.g. the partner of God is not omnipotent] is more general (contains more) than the affirmative with privative predicate. [e. g. the partner of God is impotent], for the negation may be true though the subject is an nonentity (i. e. though there is no such thing as a partner of God, we can still say if there were one he could not be omnipotent), but the affirmation cannot be true (i. e. if we say the partner of God is impotent, we admit that there is a partner): because affirmation is admissible only in regard to a thing of ascertained (or acknowledged) existence, as for instance in propositions whose subject is an actually existing individuum or in regard to a thing of assumed existence as for instance in propositions whose subject is a verity. If the subject does exist the indivisible negative and affirmative privative propositions are equivalent. The difference in the expression [between the indivisible negative and the affirmative with a privative predicate] is this: in the ternary, if it is affirmative, the copula stands before the negative particle. and, if it is negative, it stands after the particle, [as there are no binary propositions in English; the following sentence, of the text which refers to a peculiarity of the Arabic language is omitted].

FOURTH INQUIRY.

On Modal Propositions.

48. The relation of the predicates to the subjects, be they affirmative or negative, must have a certain qualification as "necessarily," "perpetually." "not-necessarily" "not-perpetually." Such a qualification is called the *materia* of the proposition, and the word expressing it, is called the mode of the proposition.

it, is B in actual existence, [such a proposition is called <u>actuality-proposition</u> الفارحية]. The difference between these two views is evident, for if no square exists in reality, still we are correct in saying every square is a figure in regard to the first view, but not in regard to the second. And if no figure did exist but squares, we would be correct in saying every figure is a square by the second view. From this you can deduce rules regarding the other fenced propositions.

- 33. The subject of a proposition is expressed in Arabic by the letter jym, which in this case is pronounced ja and written without a dot, but for the sake of distinction from part of its tail is cut off. It answers to the Greek γ , and the Latin C. The predicate is expressed by B. If hamzah is used as a symbol it is pronounced da, and in certain cases a dúl is written in instead of the hamzah, as ω "therefore D."
- 34. The commentator says: If we say C is B there are two things to be observed; we may mean the notion and verity of C, or the significates of C. If we meant to say that the notion of C is equal to the notion of B, all that we should learn from the proposition would be that the two terms are synonymous. It is therefore clear that the expression C is B means that all the individua of which C is true are B, that is to say that the notion of B applies to them. That of which C is true, i. e. the significates of C is called the essence of the subject إلموضوع and the notion and verity of C is called the attribute or title of the subject وصف الموضوع It is called title, because as we learn from the title of a book what its contents are, so from the notion of a term. The title of a term is either the very essence of it (the essence of its significates,) as "homo" is the essence of Zayd, 'Amr. Bakr, &c., or it is a part of the essence as "animal" is in reference to the Zayd, Bakr and other individua; the animal nature being only a part of the quiddity of Zayd, &c. Or it is external to it, as if we say every thing that walks is an animal. The imports of propositions are therefore reducible to two knots عقد 1. The knot of (arbitrary) appointment ;-in this its own attribute is predicated of the subject (Kant calls this the analytical judgment.) 2. The knot of predication ;—in this the attribute of the predicate is predicated of the essence (significates) of the subject, (this is the synthetical judgment of Kant.) The former is a "limitative sentence" تركيب تقييدي (Kant calls it an explanatory judgment,) and the latter is an "informing sentence" درگیب خبری (i. e., it tells you some thing new, it gives you information regarding the subject. Kant calls it Erweiterungsurtheil, i. e., enlarging judgment, for it enlarges our knowledge of the subject.) Three things are here to be observed.
- 1. The essence (significates) of the subject. Under this term are not to be understood the singulars of C absolutely [but relatively]. If C is a species, or if it is such a difference or property as is co-extensive with the species, the individual singulars are to be understood under "every C," and if it is a genus or a co-extensive general accident, the individual singulars and the specific singulars [Victorial of the individual singulars and the specific singulars [Victorial of the understood: e. g. what we predicate of "omnis homo" or "omnis rationalis" or "omnis ridens," we predicate solely of Zayd, 'Amr. &c., but what we predicate of "omne animal," "omne ambulans" we predicate both of the individual singulars, Zayd, 'Amr, Bucephalus, &c., and also of the natura specifical predicates of another is predicated of homo and equus, &c. Hence the schoolmen say what one universal predicates of another is predicated of the species and of the singulars under it عمل بعض الما المعادية على بعض الما المعادية المع
- 2. The predicability of the attribute about the subject. The opinions on this point are divided. Fáryáby says that possibility constitutes predicability without regard to actual existence. Avicenna on the other hand thinks that actual existence, present, past or future, constitutes predicability, e. g. according Fáryáby, if we predicate B of every black man, it means every man who may happen to be black even Europeans, for it is not impossible that they be black; but according to Avicenna the judgment would not apply to Europeans, because there is no instance on record that they were black, nor is there any reason to suppose that they will ever be so. The opinion of Avicenna is the one which is generally received.
- Predicability of the predicate about the essence (significates) of the subject. It may be necessary, contingent, perpetual, actual, &c., as will be explained in the paragraph on modals.

Now if we say every imaginable C if it should exist will be found to be B, the judgment does not refer to the existing individua of C only but also to its hypothetical significates, and it is true though no individuum should exist. This will be intelligible if we say no triangle is a square, because these two terms indicate by appointment cer-

is called predicate; the relation between the two, showing the bearing of the predicate to the subject—which is called judicial relation; and the word which expresses it is called copula, as "is" in the sentence "Zayd is informed." Such a proposition is called ternary. In some cases, which are very easily intelligible, the copula is omitted, and the proposition is called binary.

- 41. If the relation is of such a description that you can say that the subject is in agreement [with the predicate], the proposition is called affirmative, as man is an animal; and if it is of such a description that you can say that it is not in agreement it is negative, as a man is not a horse.
- 42. If the subject of a categorical proposition is a definite individuum, it (the proposition) is called peculiarized or individual (singular). If the subject is a universal, and if the quantity of the singulars (or individua) of which the judgment is true is shown in it, the word expressing the quantity is called wall and the proposition is called fenced or walled-in. It is of four kinds: if it is shown in it that the judgment [applies] to all the singulars, it is [called] an universal [categorical proposition]. This again is either affirmative [or negative: in the affirmative] the wall is "every one," e. g. every fire is hot. In the negative the wall is "no," "none," "not one," e. g. no man is a mineral. If it is shown in it that the judgment [applies] to some things, it is particular, and [again it is] either affirmative, and [in this case] the wall is "some" "one," e. g. some animals are men, or one animal is a man; or it is negative and the wall is "not all," "some (are) not," e. g. not all animals are men, or some animals are not men.
- 43. If the quantity of the singulars is not shown in it and if we can neither say that it is a universal nor that it is a particular proposition it is called a physical proposition, e. g. "animal" is the genus and "homo" is the species. But if we can say it is universal or particular [but it is not stated] it is called ambiguous, e. g. man is at a loss, or man is not at a loss. Such a proposition is virtually a particular proposition, for if it predicates that man is at a loss, it predicates that some men are at a loss and vice versā.
- 32. The reason why such a proposition as is mentioned in the text is called a "physical" proposition is clear from the following words of Qotby "in the physical proposition judgment is passed on the nature of the subject itself and not its significates."

SECOND INQUIRY.

On the four fenced Propositions.

44. The expression every C is B, is sometimes employed in reference to the verity, and its meaning is that every possible (imaginable) singular which may exist and is C, is B by reason of its existence; i. e. whatever is the substrate of C is also the substrate of B. [Such a proposition is called verity-proposition [القضية الحقيقية] Sometimes the expression is used in reference to actual existence, and it means that every C in actual existence, be it at the time of the judgment or before or after

SECOND BOOK.

ON PROPOSITIONS AND RULES REGARDING THEM.

This book is divided into an introduction and three chapters.

INTRODUCTION.

Definition of proposition and its primary division.

- 38. Proposition (literally a decision) is a speech, which allows that he who utters it be told that he is true or false (right or wrong). It is called <u>categorical</u>, if its two extremities (terms) are resolvable into two simple [ideas], as Zayd is informed, or Zayd is not informed, [or from "the Sun is rising" follows "the day is approaching,"] and it is hypothetical, if they are not thus resolvable, [e. g. if the Sun rises day will approach].
- 30. The commentator shows that a hypothetical proposition is resolvable into not less than two categorical judgments: such a truth necessitates such another and such a truth is opposed to such another.
- 39. The hypothetical [proposition] is either conjunctive (conditional), or disjunctive. It is called conjunctive, if we pronounce in it a proposition (i. e. one of the two propositions of which it consists) to be true or untrue, under the assumption that another (the other) proposition be true. [Example of an affirmative conjunctive] "if this is a man, it is an animal." [Example of a negative conjunctive], "if this is a man, it cannot be a mineral."

A hypothetical proposition is called disjunctive if we pronounce in it that two propositions exclude (literally deny or refute) each other, either both in [case of] truth and [in case of] falsity or in one of the two only, or that their mutual exclusion is denied, e. g. "this number is either even or odd." "That this man is either a writer or a negro, is not admissible."

31. In the conjunctive the judgment is occupied with deciding whether or not the two propositions of which it consists are connected, and in the disjunctive whether or not they are separated or exclusive of each other.

FIRST SECTION.

ON THE CATEGORICAL (PROPOSITION).

FIRST INQUIRY.

Its parts and kinds.

40. The categorical proposition consists of three parts: the part on which judgment is passed,—which is called subject; the one by which judgment is passed,—which

which establishes the *summum genus* establishes also the low genus, but not *vice* versa; again every difference which divides a lower genus divides also the *summum* genus but not vice versa.

28. "Divide" has not quite the same meaning which it has in English Logic, the Arabs use "division" for "difference," see § 19.

FOURTH SECTION.

On Definitions (i. e. the ways of defining).

- 35. The definiens (definition) of a thing is [an expression] the apprehension of which involves the apprehension of the thing defined, or its distinction from every thing else. The <u>definiens</u> must not be the essence itself [i. e. homo is not a definition for man], for the definiens is known prior to the <u>definitum</u>, and a thing is not known prior to itself. It further must not be more general (more extensive) than the definitum else it does not answer the purpose of definition (or limiting), nor must it be more peculiar (more limited), else it conceals (or excludes some of the individua). The definiens must be co-extensive in generality and peculiarity.
- 36. The definiens is called a limes perfectus (perfect boundary) if it consists of the near genus and near difference, [as rational animal for man]; and limes imperfectus (imperfect boundary) if it consists of the near difference only, [as rationalis for homo], or of the near difference and the distant genus, [as a rational body for man]. And it is called complete description (literally sketch,) if it consists of the near genus and a property, [as the risible animal for man], and imperfect description, if it consists of the property alone, or of the property and the distant genus, [as risible body for man.]
- 37. Care must be taken not to define a thing by what is equally known or unknown, as if we were to define "motion" by "absence of rest," or "couple" by "what is not single." Nor must a thing be defined by another thing, which is known only through the former. It is equally objectionable whether it be immediately known through it, e. g., if we were to say "report" means an "account" and "account" means "report;" or mediately, e. g., if we were to say the number two is the first pair; pair is what can be divided into two equal parts, two parts are called equal if neither exceed the other and the parts are two.

Care must also be taken not to use barbarous unusual words, whose indication (meaning) is not intelligible to the hearer, for in this case the purpose is lost sight of.

29. The example of "the number two" is not very clear in the original, and it has become still more obscure by the want of a dual in the English language.

"homo" the primary answer to the question "what is a Turk" being "homo." Variety is a species limited by universal accidental attributes, as Turk, Greek.

- 30. Species has four degrees, for either it is the most general of all species, and in this case it is called the high species (summa species), as "body;" or it is the most peculiar, and in this case it is called the low species, as "man," this is also called the species specierum; or it is more general than the low species and more peculiar than the high, this is called the intermediate species, as "animal" and "living body;" or it is detached from all other species, this is called the singular (or solitary) species, as logos, if we say that substance is the genus of logos.
- 25. Qotby says that there is no example of the singular species in existence; but that it is illustrated by logos, for under logos are the ten logoi which agree in the verity of logos, yet logos is not more general than any other species, there being no species but only individua under it nor is it more peculiar there being no species above it but only the genus, viz. substance.
- 31. Genus has the same four degrees, but the high genus (summum genus), e. g. "substance," and not the low genus, e. g. "animal," is called the genus generum in the gradation of the genera. Examples of the intermediate genus, are "living being" and "body," and an example of the singular genus is "logos," supposing that "substance" is not the genus of "logos."
- 32. The relative species is to be found without the veritable species, as in the intermediate species. Again the veritable species is to be found without the relative one, e. g. in indivisible verities. These two kinds of species do not stand to each other in the relation of absolute generality and peculiarity, but either of the two is in some respects more general than the other, because they are both true of the low species.
- 26. The author refutes here the opinion of Avicenna who mentions in his Shifa, that the relative species is absolutely more general than the veritable species.
- 27. Indivisible verities are, logos, soul, unity and rationality, they are not resolvable into a genus and a difference, and therefore they cannot form a relative species.
- 33. If [only] a part of what ought to be said in answer to the question "what is it" is said, and if that be [a] coincident [term,] it is called jacens in via [questionis], quid est, e.g. if we ask regarding man, "what is it," and receive the answer, "animal" or "rational," in reference to (or instead of) "rational animal." If [only] a part is said in answer to the same question, and if, what is said, be a term for it by implication, it is called inclusum in responsione (i. e. pars responsionis) [ad questionem] quid est, as "living being," "sensitive," "endowed with voluntary motion," animal being indicated by these terms by implication.
- 34. The summum genus may have a difference which establishes it (or is an essential part of it), for it may be composed of two or more co-extensive things; but it must necessarily have a difference which divides it (separates its significates). The low species must necessarily have a difference which establishes it, but it can have no difference which divides it. The intermediate [genera] must have differention which establish them and differention which divide them. Every difference

hence it would follow that the more peculiar is true [of certain things] and that the more general is not true [of the same things]—this is impossible. As to the second [assertion viz., that the contradictory of a more general term contains less than the contradictory of a more peculiar term], were it unfounded the contradictory of the more general [term] would be true of every thing of which the contradictory of the more peculiar [term] is true, and hence it would follow that the more peculiar strue of every thing of which the more general is true—this is impossible. There is no generality whatever between the contradictories of terms one of which is more general in 'some respect.' because it is certain that such a generality exists between the absolutely more general [term] itself [e. g. animal] and the contradictory of the more peculiar [term, as for instance non-man;] whilst there is universal heterogeneousness between the contradictory of the absolutely more general and the more peculiar [term] itself. The contradictories of two heterogeneous [terms] are heterogeneous, and their heterogeneousness is [called] particular heterogeneousness, for if [two terms] are in no case true simultaneously [of the same thing], as non-existence and non-nihilum (non-existence and existence), it is scalled universal heterogeneousness; and if they are true simultaneously, as nonman and non-horse, it is called particular heterogeneousness, because one of the two heterogeneous terms is necessarily true [of certain objects] of which the contradictory of the other heterogeneous term is true. Particular heterogeneousness is. therefore, surely an adherent [of the contradictories of two heterogeneous terms.]

FOURTH INQUIRY.

28. [The term] "particular" is not only used in the abovementioned sense [see § 15]—in which it is called "veritable particular"—but also to denote any more peculiar [term] which is under a more general one, and in this case it is called "relative particular." The latter term is more general than the former, for every veritable particular is a relative particular, but not vice versa. The former is the case (i. e. every veritable particular is a relative particular), because every individuum comes under its quiddity, which denudes [the individua under it] of their individuality, (i. e. which abstracts from the individuality of the individua); and the second is the case (i. e. the reverse is not true), because the relative particular may be a universal, but the veritable particular cannot be a universal.

FIFTH INQUIRY.

- 29. The species which is of the description mentioned above [§ 16] is called the veritable species; but the term is also used of any quiddity, if to the question "what is it" regarding the said quiddity [e. g. what is "man?"] and some other quiddity, [e. g. what is "horse"], the genus [e. g. "animal"] is primarily said in answer. This is called the relative species.
- 24. The commentator says that "primarily" is used with a view of excluding the variety __i.c. If you bring Turk and horse under a common term you cannot do so primarily, you must do it through the medium of

THIRD SECTION.

Five Inquiries on Universals and Particulars.

FIRST INQUIRY.

24. [There are] universals, whose existence is impossible in reality, but not the conception thereof of itself, as "an equal to God." [There are universals] whose existence may be possible but they do not really exist, as "a griffon." [Under some universals] there is only one [individual], and it is impossible that there should be another, as God; or it is possible that there be others, as the sun; or there are many but they are limited in number, as the seven planets; or they are unlimited in number, as the rational souls.

SECOND INQUIRY.

25. If we say of "animal" for instance, that it is a universal, three things are to be observed. Animal is to be considered in itself, and as a universal, and as the compound of these two things. The first is called a physical universal, the second a logical universal, and the third a mental (metaphysical) universal. The physical universal is existing in reality, for it (animality) is a part of every animal which exists, and a part of what exists has [of course] existence. In regard to the other two universals, opinions are divided as to their existence in reality. The inquiry on this subject does not belong to logic.

THIRD INQUIRY.

- 26. Universals are co-extensive, if one is true of just as much (i. e. of as many individuals) as the other, as "homo" and "rational." There is absolute generality and peculiarity between them (i. e. one is more extensive than the other and contains it wholly), if one of the two, is true of all of which the other is true, but not vice versa; as "animal" and "man." There is generality and peculiarity between them in some respect if either is true only of a part of that of which the other is true; as man and white. And they are heterogeneous if neither of the two is true of any thing of which the other is true; as man and horse.
- 27. The contradictories of two co-extensive [terms] are co-extensive; for else one of them (contradictories) would be true of that about which the other is false, and it would follow that one of the two co-extensive [terms] is true of that about which the other is false—this is impossible. [E. g. every non-man is an irrational being and every irrational being is a non-man.] The contradictory of an absolutely more general [term] is more peculiar than the contradictory of an absolutely more peculiar [term,] for the contradictory of the more peculiar [term] is true of every thing of what the contradictory of the more general term is true, but not vice versa, [non-man contains more than non-animal]. Were the first [of these two assertions] not founded, the peculiar [term] itself [i. e. not its contradictory; man e. g.,] would be true of some things of which the contradictory of the more general [term e. g. non-animal] is true, and

- 20. Difference is described as a universal predicated of a thing to the question "what thing is it in its substance?" It follows that if a verity is composed of two—or several—co-extensive things, each of these two things is its difference, for it distinguishes it from those things which are associated with it in "existence."
- 22. The commentator says that "in its substance" is added to the question, lest an inseparable property might be said in answer. The difference is therefore also called "distinguens substantialis" "distinguens accidentalis."—Ancient Logicians, among them Avicenna in his Shifá, defined difference as an universal said of a thing in reply to the question "what thing of its genus is this in its substance."
- 21. The difference which distinguishes a species from what is associated with it in the genus, is called near (specific), provided it distinguishes it in the near genus e. g. "rational" is the difference of "man" [in the subaltern genus "animal," distinguishing it from other animals]. And it is called remote (generic) if it distinguishes a species from what is associated with it in the remote genus, e. g. "sensitive" is the difference of "man" [in the remote genus "living being"].
- 22. The third [universal is external to the quiddity but joined to it]. If it is inseparable from the essence it is called adherent (property), else it is called separable accident. The adherent adheres to the existence [of a thing], as blackness to the negro, or it adheres to the quiddity, like being even to four. The adherent is [called] evident, if the apprehension of the adherent together with the apprehension of the thing to which it adheres, is sufficient to convince the intellect of the cohesion between the two, as the divisibility of four into two equal parts; and it is [called] not-evident, if a medium is required to convince the intellect of their cohesion, as the equality of the three angles of a triangle to two right angles. Some say that an adherent is evident, if the apprehension thereof adheres to the apprehension of the thing of which it is the adherent. The first [definition] is more general. The separable accident may either pass quickly, as the blushing of shame and flushing of anger, or slowly, like greyness of hair, [under the use of certain medicines which are supposed to have this effect], or youth.
- 23. Both the adherent and separable [accident], if they are peculiar to singulars of the same verity, are called peculiar, as risible, clse they are called general accident, as locomotion. The "peculiar" is described as a universal said, as a accident, only of things of the same verity. Common accident is described as a universal, said as an accident, of singulars of the same verity and of other things also in the way of accidentality. The universals therefore are five: species, genus, difference, peculiar (accident) and common accident.
- 23. The commentator justly observes that according to the author's division of the accident the universals are seven and not five. We have the inseparable peculiar accident, the inseparable general accident which answer to "property"; and the separable peculiar and separable general which answer to the "accident" of our Logicians. Sayyid Jorjány says in the Kobrã on this subject "that universal which is external to the verity of its individua is called "Peculiar," if it is restricted to one verity. It distinguishes the verity from others by accidentality. Consequently "a Peculiar" is an universal which is said in answer to the question what thing is it in its accident? as risible in reference to man. If [the universal] be common to two or more verities it is called general accident as "walking" which is common to animals."

بدون الخص فيلزم وجود الكل بدون الجُرَّة و انه محال ولا اعم لان بعض تمام المشترك بين الماهية و نوع آخر لو كان اعم من تمام المشترك لكان موجودًا في نوع آخر بدون تمام المشترك تحقيقاً لمعنى العموم فيكون مشتركاً بين الماهية و ذلك النوع الذي هو بازاء تمام المشترك لوجودة فيهما فأما أن يكون تمام المشترك بينهما و هو محال لان المقدر أن الجزء ليس تمام المشترك بين الماهية وبين نوع ما من الانواع و أما أن لا يكون تمام المشترك بين الماهية تماماً المشترك احدهما تمام المشترك بين الماهية وبين النوع الذي هو بازائها و الثاني تمام المشترك بينها وبين النوع الثاني الذي هو بازاء تمام المشترك المشترك الول و حينتُذ لو كان بعض تمام المشترك بين الماهية و بين النوع الثاني أعم منه لكل موجودًا في نوع آخر بدون تمام المشترك الثاني فيكون مشترك بين الماهية و ذلك النوع الثالث الذي بازاء تمام المشترك الثاني و ليس تمام المشترك بينهما بل بعضه فيحصل تمام مشترك ثالث و هلم جرا فاما أن يوجد الثاني أنه غير النهاية أو ينتهي الى بعض تمام مشترك مساو له و الأول محال و الالتركّب الماهية تمام المشتركات الى غير مناهية

21. The Commentator points out that the expression [interminable] chain is not used in the text in its proper meaning.

[&]quot;This portion must either be heterogeneous from the totality of that part of the quiddity which it has in common with another species or it must be more peculiar (less extensive) or more general (more extensive) or co-extensive, It cannot be heterogeneous, for we are speaking of the predicable parts [of the totality] and it is impossible that what is predicable of a thing should be heterogeneous from it. Nor can it contain less, for the more general (or more extensive) is found where the less extensive is not found [e. g. "animal" is found in "horse" but "man" is not found in it.] It would therefore follow [from this assertion] that the whole [e. g. "animal"=a living, sensitive. corporeal substance with voluntary motion can exist without some of its parts parts [e. q, "living" or "sensitive".] This is impossible. Nor can it be more general (or more extensive) [as "living being" in reference to "animal,"] for if a portion [e. g. voluntary motion] of the totality [e. g. "animal"] of what a quiddity [e. g. "man"] has in common with another species [e. g. "horse"] is more general than the totality ["animal"] it must also be found in another species [e.g. "tree"] in which the totality is not found, for this is the meaning of "more general." But as it is found in these two it is common to them, i. e. to the quiddity and that species which is independent of the totality (the genus of the quiddity.) It is impossible that what they (the quiddity and this other species-tree) have in common, should be the totality, for the condition is that it should be a portion and not the totality. But if it is not the totality but only a portion of it, the quiddity must have two totalities (genera) in common [with two several species] :- The totality which it has in common with the species which is independent of it (or co-ordinate with the quiddity) and the totality which it has in common with a second species, which is independent of the first named totality. And then if the portion of the totality which the quiddity has in common with a second species is more general than the totality, it must be found in a species [e. g. mineral] in which the second totality is not found, and it must be common to the quiddity and this third species which is independent of the second totality. But again it cannot be the totality of what they have in common, but it must be a portion of it, and so we come to a third totality and so on. Now either we must admit that a quiddity may have an endless number of totalities in common with other species or we must finally arrive at a portion of a totality which portion is co-extensive with the totality. The former supposition must be false, unless we assume that a quiddity consists of an endless number of parts."

18. The genus is called near, if the answer [to the question] regarding a [given] quiddity and regarding certain [other species] which are associated with it under that genus is the immediate answer regarding that quiddity, and regarding all [the species] which are associated with the said quiddity, under the same genus, as animal in reference to man.

The genus is called remote, if the answer [to the question] regarding the quiddity and regarding certain [other species] which are associated with it under that genus, is different from the answer regarding the quiddity, and those other [species mentioned above as coming under the near genus]. If the genus is remote by one degree, two answers can be given, as living being in reference to man; and if it is remote by two degrees, three answers can be given, as body in reference to man; and if it is remote by three degrees, four answers can be given, as substance in reference to man, &c.

23. Man, horse, tree and quartz can all be brought under the same denomination or genus "body (matter);" man, horse and tree can be brought under the denomination of "living body"; and man and horse can be brought under the denomination of "animal." Now if you ask

What is man? What is quartz? Answer "body."

but horse and tree participate at least as much in the quiddity of man as quartz, and if you ask

What is man?
What is horse?

The answer is "animal."

What is man?
What is tree?

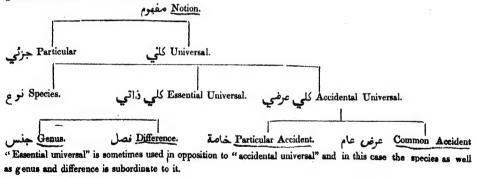
The answer is "organised body."

- If it (the universal notion) is not (or does not comprehend) the totality of that part [of the quiddity], which is common to it (the quiddity) and to another species [i. e. if it is not a genus, one of two things must be the case]; either it cannot be common [to both] at all [being peculiar to the quiddity as rational is according to the Arabs to man] or it [is only] a portion of the part which is common to both: although co-extensive therewith. Else (if it were more extensive it would follow that) it must be common to the quiddity and to some other species [not included in the genus] but, agreeably to the above supposition, it must, in reference to such other species, not comprehend the whole part which may be common [to the quiddity and that species], but only a portion of it [and so by assuming that the notion is part of the quiddity of another species we should only rise to a higher branch on the tree of Porphyry]. (This reasoning) does not lead to an [interminable] chain, but to something which is co-extensive with the totality of the part which is common (or genus). [universal] consequently divides the genus, and whether it distinguish the quiddity from what is associated with it under a genus or under "existence," [which may be considered the summum genus] it is [called] difference (literally division).
- 24. This paragraph and the commentary thereon are considered the pons asinorum of Arabic Logic. I therefore insert the words of the Commentator in the original with translation and examples between brackets.

فدالك البعض اما ان يكون مهائيناً لتمام المشترك او اخص منه او اغم منه او مساوياً له للجائز ان يكون مباساً له لان الكلام في الاجزاء المحمولة و من المحال ان يكون المحمول على الشيئ مبائناً له ولا الحمولة و من المحال ان يكون المحمول على الشيئ مبائناً له ولا الحمولة و من المحال ان يكون المحمول على الشيئ

said of one or several things which agree in their verities in answer to [the question] "what is it."

- 19. Máhyyat "quiddity" is derived from má quid or from má howá quid est hoc. English logicians use "essence" to express manyyat. But in Arabic there are two other words which have nearly the same meaning, viz. dzat and haggest and as for each of these three words a representative was to be chosen in English it was found convenient to use essence as the representative for dzat. Haqygat is rendered by verity (see note 21). The word muhyyat is the most definite, being the contents of the veritable species, thus rational, living, bodily substance endowed with voluntary locomotion are the parts which constitute the manyyat of Zayd, Bakr, &c., Joriany, p. 205, defines malryyat "the quiddity of a thing is that by which the thing is what it is (i. e. its ipseity). Of quiddity in itself it can neither be said that it exists or does not exist, nor that it is an universal or particular, nor that it is general or peculiar." The same author, p. 99, gives the same definition of haqygat as of mahyyat and then he adds" the verity of a thing is that by which the thing is what it is in reference to its verification (or existence, i. e. we take an actually existing thing, e. g. a straight line on paper and ascertain its properties). Inseity 🕹 🌺 has the same meaning in reference to its individuality; and guiddity has the same meaning without any reference." On the whole the sense of verity seems to be more vague than that of quiddity, and hence it is a favorite term of mystical philosophers. Dzát means "self" "essence," and dzáty "essential." It will be observed from note 22 that it is sometimes used in a less extensive meaning than quiddity, but generally it has a more extensive meaning. Joriany says in p. 112 "the essence of a thing is the self of a thing and it consequently compre-The essential [part] of a thing is that what peculiarizes it and distinguishes hends its [inseparable] properties. it from every thing else."
- 20. The Commentator blames the author for giving separate definitions for species, in case there is only one individuum under it, as "sun," and in case there are many individua, and says that in doing so he has wandered beyond the limits of Logic.
- 21. Haquyiq "verities" is the plural of haqyqat, and is derived from haqq "verum" (germanicé das Wahre) this word is the opposite of butil "vanum." The word might have been translated by characteristics, but thereby would have been obliterated the affinity of this idea to tahaqquq "to verify," "to ascertain," to motahaqqaq "ascertained" to haqq "verum," and to haqqqy "veritable" which are all of very frequent occurrence.
- 17. In the second case [if the universal is part of the quiddity it must be one of two things, either a genus of the quiddity or its difference], it is called a genus if the universal is the totality of that part [of the quiddity] which is common to the quiddity and to another species. It is said in answer to [the question] "what is it?" in regard to association only. Genus is described as a universal, which is said of many things differing in their verities, in answer to [the question] "what is it."
- 22. The name for a universal which comprehends part of the quiddity is "essential universal." It is defined in the Yságújy الكلي الذاتي هو الذي يدخل تحت حقيقة جزيات مفهرمه "A universal is called essential if it is included in the verity of the particulars to which it applies." The universal which is external to the quiddity is called "accidental universal" or accident and property. I give here a table of the Universals.



[as the word "omnibus"] or as a law term, or as a term of science; in the first case it is called "a conventionally transferred (word)," in the second "a juristically transferred (word)," and in the third "a technically transferred (word)." If a word has not quitted its original subject (lost its original meaning), it is called, in relation to it, proper, and in relation (to the signification) to which it has been transferred, trop. Example, lion, in reference to the animal of that name and in reference to a brave man.

- 13. A word is in reference to another word synonymous (literally riding on the same camel, one behind the other,) with it if they agree in meaning, and heteronymous (literally distinct) if they differ in meaning.
- 14. A compound (oratio) is either complete, that is to say, it has a sense by itself (literally, silence after it is admissible) or incomplete. If a complete compound predicates something true or false, it is called information or proposition, and if it does not predicate any thing it is called interjection, if If an interjection has by appointment the meaning of a request that a thing be done, and if (it be uttered) with an authoritative voice, it is an order (or an imperative) as, beat thou! if (it be uttered) in a humble voice it is a question or prayer, and if in a middling voice, a request. If it has not the meaning of a request that a thing be done, it is a warning (exclamation) expressive of whining, or weeping, or wondering, or exclaiming, or swearing. If a compound is not complete, it is either a limitation as "rational animal," or it is not a limitation, as if it consist of a noun and a tool, or of a verb and a tool (adverb).

SECOND SECTION.

On Simple Meanings (Predicables).

- 15. A notion is particular (singular) if the apprehension thereof of itself excludes the taking place of association, and it is universal (common), if it does not exclude association. The terms indicating these two things are called particular and universal respectively.
- 16. Mafhúm "notion" means literally comprehensum, it is therefore the exact equivalent of comprehension as used in western Logic.
- 17. The reason why the author defines "particular" by an apprehension the idea of which excludes plurality, is that terms like "sun" may not be put down as particular.
- 18. The Commentator observes in reference to the terms "particular" and "universal" "Universal is generally a part of the particular, thus [the notion of] homo is a part of Zayd, in like manner animal is a part of homo and body is a part of animal. The particular is therefore a whole S and the universal a part of ""
- 16. An universal [notion] is either the whole of the quiddity of the particulars under it, or is included in it (i. e. is part of it), or is external, [but joined] to it. The first is called species, whether it contains many individua [or only one, in the former case] it is said in answer to [the question], "what is it?" in regard both to association and peculiarity as homo, [in the latter case] if it does not contain several individua it is said in answer to [the question] "what is it," in regard to its peculiarity only, as "sun." Species is therefore an universal, which is

to the apprehension of the thing named, if this be not the case the word will not convey the meaning thereof. But it is not necessary that it be in such a condition that its <u>actual existence</u> be connected with the actual existence of the thing named. For instance the word "blind" is (*per nexum*) the indication of sight, yet these two things are not connected in their actual existence.

- 10. Coincidence does not (always) comprize implication, as, for instance, in indivisibles (i. e. things the quiddity of which is not composed of parts see notes 18, 19 and 27) and it may or may not comprize nexus; this is uncertain, for it is not known whether there exists an adherens (inseparable property) of every essence, the apprehension of which is connected with the apprehension of that essence. [The opinion of Imam Razy] that the apprehension of every essence comprizes [per nexum at least if nothing else,] the apprehension that it is [that essence and] no other, is not admissible. From this it is clear that implication does not comprize nexus, they, in fact, are (only) found along with coincidence, for the sequens cannot possibly exist as sequens without something of which it is the sequens.
- 12. The Commentator observes, that the text ought to run ومن هذا عدم تبين استلزام النضمن الالتزام الترام ا
- 11. If any part of the (term which is) indicans by coincidence, is intended to indicate a part of the total meaning, it (the term) is [called] complex, as a thrower of stones, else it is [called] simple. If the simple word is not by itself fit to be a predicable, it is [called] a tool, (syncategorematic), as "in" and "not," and if it is fit to be a predicable, and indicates by its form one of the three times, it is a verb, else it is a noun.
- 13. The Commentator shows that in an expression like 'abd Allah, if used as a proper name is not a complex term.
- 14. Tool is the instrument with the help of which a thing is made and not the matter out of which it is made, the term is therefore very appropriate for a syncategorematic. In Grammar particles are called عروف "letters" and a verb is called نعل "action." The reason of a double terminology is that grammar was worked out by the Arabs independently, whereas they took Logic from the Greeks, and these two Sciences were cultivated by the same class of men long after their terminology had been fixed.
- 15. The Commentator observes that the words "by its form" are used in the text with a view of excluding words whose substance indicates a time as "yesterday."
- 12. A noun has either one meaning or more than one. In the first case if it individuates that meaning it is called a proper-name, else (there are two cases possible: firstly), if its conceivable (literally intellective) and real individua are [all] equally represented by it, it is called univocal (literally agreeing, consentient,) as "homo," "sun;" [secondly,] if it applies to some [of the individua] more forcibly, and in preference to others, it is called doubtful as existence in reference to the being which exists of necessity (God), and the beings of contingent existence (the creation.) In the second case, [if a noun has many meanings] it may be, by appointment, equally applicable to those several meanings, like spring [the spring of a clock, a spring of water],—in this case it is called equivocal: or it may have been appointed for one meaning and then have been transferred to a second. If the original meaning has become obsolete the noun is called a transferred word, it depends whether it has been transferred by common usage

(predicate), or an assertion regarding it; and [thirdly] the judgment, for judgment is impossible if one of these (three) things [subject or predicate or judgment] is unknown.

8. Hojjat "argument" is derived from a root which means to contend.—The author of the coghra takes dalyl "demonstration" and hojjat as synonymous.

9. Qawl "oratio" is used to denote an expression which consists in most cases of more than one word, but it

is not necessarily a sentence, thus "rational animal" is a qawl.

10. It will be observed that judgment is used in the text in the two different meanings which are explained in note 5. The commentator says "judgment is one of those words which have two meanings, one is the affirmative or negative relation, apprehended between two things, and the second is the decision that that relation is taking place or is not taking place." He continues to say that the author of the text uses the word in the second meaning where he says "judgment is impossible".

FIRST BOOK.

It contains three Sections:

FIRST SECTION.

On Words.

- 8. That a word is the indication of a meaning (idea), by reason of [its] appointment for it (so as to represent that idea), is [called] coincidence, as, for instance, that "homo" is the indication of (is used to express the idea of) "rational animal." [That a word is the indication of an idea] by reason of its appointment for that in which it (the idea) is included is [called] implication, as for instance, that "homo" is an indication of an animal. [That a word is the indication of an idea] by reason of its appointment for that to which it (the idea) is external is [called] nexus; for instance, that "homo" is an indication of "capable of instruction" and of "acquiring the art of writing."
- 11. The word معنى "meaning" which has in common use the same signification as in English, is explained by the Commentator p. 93: المعاني هي الصور الدهنية من حيث انها رضع بازايها الالفاظ: "The images in our intellect in reference to the words which have been appointed to represent them are called meanings."
- Lozúm لزوم "adhesion" with its derivatives is one of the most troublesome terms in Arabic Philosophy.

 "C adheres to B or is inseparably connected with it," لذي المحالة المح
- 9. It is necessary in the indication per nexum that the external thing be in such a condition that the apprehension thereof adhere in the intellect

evident [knowledge], and marking the boundaries between sound and bad reasoning. This canon is Logic. It is described as the canonic organon, (i. e. an instrument consisting of rules), the observance of which guards our intellect from error in reasoning.

Logic is neither entirely intuitive, else there would be no need for learning it, nor is it entirely deductive, else it would be a circle or [interminable] chain, but some [of its doctrines] are intuitive and others are deductive, and founded upon the intuitive ones.

SECOND INQUIRY.

On the Subject of Logic.

- 6. The subjects of a Science are those of its accidents which are inquired into, whether they belong to it immediately, that is to say, belong to its essence, or whether they belong to its parts or whether they belong to it [mediately, but are] co-extensive. The subjects of Logic are apprehensional and declarative notions, for the Logician inquires into them so far as they lead to unknown apprehensional or declarative [notions], and in so far as there rests upon them that which leads to apprehension; he inquires, for instance, whether [such apprehensions as lead to other apprehensions] are universals, particulars, essentials, accidents, genera, species, or differences—and in so far as there rests upon them that which leads to declaration (assertion) whether it rests upon them proximately—they (the declarations which lead to other declarations) being, for instance, propositions or conversions of propositions, or contradictories of propositions; or remotely—they being, for instance, subjects and predicates.
- 7. It will be observed that the use of the term accident differs widely from the use in western logic, the commentator says, accidents are of six kinds, for the accident of a thing either belongs to its essence (to the thing itself) or to a part of it, or it belongs to some property of the thing which is not included in its quiddity. As to the accident of a property it may either be co-extensive, (i. e. it may be a mediate accident of all the individua under that species as risible in reference to man, it being the effect of joy and common to all men,) or it may be more peculiar limited) or more general (extensive) or it may be heterogeneous مباين. The first three of these accidents, viz. the accident of the essence, the accident of a part of the essence, and the co-extensive mediate accident accident which is co-extensive with the thing of which it is the accident) are called essential accidents; the last three are called foreign accidents (limited). Examples of foreign accidents: 1. "Risible" as an accident of animal; it is mediate being the effect of joy and more limited than animal being peculiar to man. 2. "Moveable" as an accident of white. It is originally an accident of body, but some bodies are white and therefore it may be an accident of white. 3. "Warm" as an accident of water which is cold in its nature. This is the division of accidents observed by logicians, in metaphysics they are differently divided.
- 7. It is usual to call that which leads to apprehension oratio explicans [or mo'arrif "definiens"]; and that which leads to declaration, argument. It behaves us to premit the former to the latter in our system, because apprehension precedes declaration in nature, inasmuch as every declaration must contain [firstly] the apprehension of the subject itself, or of an assertion regarding it; and [secondly either the apprehension itself of the thing] whereby the judgment is formed,

affirmatively or negatively. The whole [apprehension and a judgment combined] is called declaration.

- 1. Taçawwur, "apprehension" is a verbal noun derived from çurat "image." Simple apprehension is called taçawwur sadzij سانج التصور الساذج Plain.
- 2. الشيع " thing" is one of the most general terms in the language and includes both the res and conception of western Logic.
- 3. 'aql "mind" is sometimes defined as "a substance free from matter in its essence and in its operations." It answers to the Greek word logos and is also used like logos for demiurg: in this case it is rendered by logos in this translation as in § 30, 31, but for the adjective 'aqly invariably "mental" is used. More on this subject in philosophy. The commentator uses also the expressions "apprehension in the soul" مصور في النهن and "images in the intellect" معور ألله عندية as synonymous with apprehension in the mind. There occurs also مور في الله "intellective apprehension." Soul is defined as a substance free from matter in its essence (in itself) but not in its actions; and intellect is defined as the faculty, made for the acquisition (perception) of limits (definitions, i. e. apprehensions) and views (judgments).
- 4. Tagdyq "declaration" is the verbal noun of the causative form of gadiq "true" and means to declare that a thing is true, assertion. It is used in phrases like this "the assertion that negative and affirmative cannot be united" "the assertion that the world is not eternal." The verb of this root is used for to "be predicated" to "be applicable." Arabic Logicians also use Kadzib "false" to express "not predicated." If we say Mohammad is a prophet, and he is not a poet, it is as much as to say the being a prophet is true of Mohammad and the being a poet is not true of him. As the terms seem to be well chosen they are rendered literally in this translation.
- 5. The Commentator says 'to lean a thing on another' is to pronounce that the relation takes place between them or that it does not take place. If we say homo est scribens, we pronounce that the relation takes place between homo and scribens. The commentator enters into some metaphysical details, he says we must in this instance first perceive man then the notion of scribens, then the relation that "writing" can be affirmed of man and then whether that relation is taking place or not. The relation of the two terms is called judicial relation [Liunce | Liunce | Li
- 4. Neither is the whole of either of these two things entirely intuitive, else there would be nothing we do not know; nor entirely deductive, else our reasoning would be a circle, or an [interminable] chain.
- 6. Natzary "deductive" from natzar "to inspect to consider" is used in opposition to badyhy intuitive (literally sudden) and also to practical. Thus medicine is divided into deductive (i. e. theoretical) and practical . Instead of natzary the word kisby "acquired" and instead of badyhy the term dhorúry "necessary" "axiomatic" are also used.
- 5. Part of each is intuitive, and part is deductive, and the result of reasoning, i. e. of such an arrangement of known things [in the mind] that they lead to [the knowledge of] unknown things. But this arrangement is not always correct, for some thinkers contradict others as regards the results of their reasonings, nay the same person contradicts himself at different times; therefore a canon (a code of rules) is required, acquainting us with the ways of deriving deductive knowledge from selfs.

THE LOGIC OF THE ARABIANS.

1. Praise be to God, who has created the system of the universe, who has produced the essences of things in conformity with their existence, who has made by His omnipotence the different species of mental substances (i. e. logoi or demiurgs), and who, in His bounty, has given motion to the heavenly bodies.

Blessings be upon those noble and holy essences (inspired persons) who are pure from human defilement, more particularly upon Mohammad, the doer of signs and miracles, and upon his family and his companions who followed him [and thereby became] his argument and demonstration.

2. Whereas, agreeably to the opinion of all men of mind and liberal education, the sciences, more particularly the positive sciences, are the highest pursuits in life, and whereas the professors thereof are the most noble among human beings, their minds being sooner prepared to be absorbed into the angelic minds (that is to say, the demiurgs or logoi), and farther, whereas it is impossible to comprehend the subtilties of sciences and to preserve the acme of their verities except by the assistance of the science which is called Logic, and which teaches us how to discern between what is correct and erroneous, Shams aldyn Mohammad, a son of the Wazyr Bahâ aldyn Mohammad, has desired me to write a book, which shall comprize the principles of Logic, and contain its fundamental doctrines and rules. Ready to follow his directions, I began to write a book on Logic, making it a rule not to omit any thing that belongs to it. I made some beautiful original additions and acute observations, avoided mere compilation and followed plain truths, which will never be controverted. I gave it the name of Risálah Shamsyyah on the Principles of Logic, and divided it into an Introduction, three Books and a Conclusion. My reliance is in God.

INTRODUCTION.

It contains two inquiries:

FIRST INQUIRY.

On what Logic is and its utility.

3. Knowledge is either apprehension, and nothing further or apprehension together with judgment. Apprehension is the perception of the image of a thing in the mind. Judgment means referring (literally leaning) one thing to another

The right way of studying Arabic Logic would be to take the Arabic translations of Aristotle's organon and by comparing them with the Greek text to ascertain the original import of the terms, and then to observe how their meaning has been changed in the progress of time. Such a labour can only be undertaken at Paris or in the Escurial; no translation of Aristotle's works is to be found in Indian libraries.

It was the intention of the translator to consult, whilst he was engaged with his works, as many Arabic books on Logic as he might have access to, and to point out in notes their differences with a view of throwing light on the history of Logic among the Arabs. But he had hardly commenced his task when he was compelled by ill-health to apply for leave to Syria, and he had to make up his mind either to publish his translation in an imperfect form or to suppress it altogether. Luckily he found a man, who has a most intimate knowledge of Logic, and who was good enough to go over the translation with him. This man is the Revd. W. Kay, Principal of Bishop's College. He has corrected a great many mistakes not only in the language but also in the sense, for his skill in logical reasoning enabled him in most instances to discover errors at first sight. To him the translator is under great obligations.

The translator was obliged, owing to his departure from Calcutta, to leave the correction of the greater part of the original text to his friends Mawlawies Mohammad Wajyh and 'Abd al-Haqq. No men are better able to furnish a good text than they, particularly as there are several good editions with commentaries extant, of these two treatises.

Calcutta, 1st April, 1854.

PREFACE OF THE TRANSLATOR.

Even since the sixth century of the Hijrah, the Mussalmans abandoned the path of observation and of the acquisition of new facts altogether, and considered all sciences merely as dialectic exercises. It was therefore found expedient that, the first of the compendia, which are to form the Appendix of the Dictionary of technical terms, should be a Treatise on Logic.

The Risálah Shamsyyah having, during six hundred years, been the principal text book on Logic in all Mohammadun schools, appeared to have the best claims to represent the Logic of the Mussalmans. It is therefore here published with an English translation.

Regarding the author of this treatise, I translate a passage from the Nafáyis al-Mâthir (see my Catalogue of the Oudh Libraries, I. p. 46). It is said in the biography of Amyr Kolong, "Mawláná Najm adyn Kátiby Qazwyny was a profound philosopher and a pupil of Athyr adyn Abhary. He is the author of commentaries on the Talakhkhuç, on the Mohaççal and on the Hikmat al'ayn and of the Risálah Shamsyyah and the Jámiy' aldaqáyiq. He died on Friday the 3rd of Rajab 675, (11 December 1272.)" Hájy Khalyfah says, that he was a pupil of Nacyr aldyn Túsy, and No. 7667 he places his death in 693, but he gives the correct date under No. 4586.

There is another treatise called Sollam, which is very celebrated in India, and which is considered as the acme of acuteness and conciseness. It has been added in Arabic, with a short biography of the author, but without translation, to enable the Arabic reader to exercise his acumen on it.

The translation is literal. Technical terms of the Arabic language have been rendered by such English words as appeared to the translator by etymology and usage to express most nearly their meaning, and the same representative is used in the translation throughout for the same term of the original; for instance, English Logicians in speaking of nouns use "singular" and "common" very nearly in the same sense as they use in speaking of propositions "particular" and "universal." The Arabs use the same terms in both instances, and as juzyy is derived from juz "part" and kullyy from kull "all" "universe;" the translator has, wherever the word juzyy occurred, rendered it by "particular," and wherever the word kullyy occurred, by "universal;" and so in other instances, placing where required the word which an English Logician might have employed between brackets. Explanatory additions are placed between parentheses. Both the paragraphs and notes have been numbered in order to facilitate reference."

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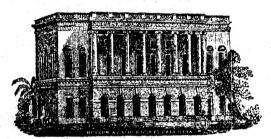
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